S0850-1.1-U

California Agriculture

STATISTICAL REVIEW

1988

STATE OF CALIFORNIA

George Deukmejian
Governor

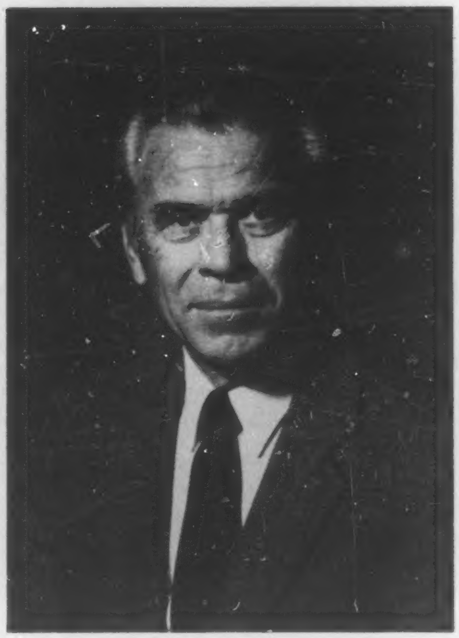
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

Henry J. Voss
Director

Jed A. Adams
Assistant Director
Division of Marketing Services

Jim Tippett
Chief
Agricultural Statistics Branch

Sacramento, California
1989



Since California's earliest beginnings, agriculture has been a vital part of California life. For 41 years it has been the nation's leading agricultural state. Today it is a $16.6 billion industry producing over 50 percent of the nation's fruits, nuts and vegetables on only 3 percent of the nation's farmland. We are justifiably proud of our agriculture and of the many people in the food chain who contribute to its important role in the economy of our state and nation. California agriculture's variety, abundance and quality is recognized worldwide as California is second to none with its high standards for fresh fruits and vegetables. Because of modern technology and farsighted innovations by our farmers and ranchers, we are better fed and clothed, for less money, than anyone in the world. As you share in our agricultural bounty, I know you will appreciate the importance it plays in the quality of your daily life.

Henry Voss, Director
California Department of
Food and Agriculture

California Agriculture

Table of Contents

California Agriculture, Statistical Review for 1988 and Commodities in which California Leads the Nation 1-2
Principal Crops: Average Value, California, 1940-88 3
California's Agricultural Commodities: Commodity Ranking, Acreage Production, Value, Crop Harvest Seasons, and Leading Producing Counties, 1988 4-7
California's Leading Farm Products 8
Value of California's 20 Leading Farm Products 1987-88 9
Acreage and Production by Principal Groupings for California, 1984-88 10
California's Farm Land and Average Farm Size; Number of Farms, Land in Farms and Size of Farms 1950-88 11
California and U.S. Farm Land Value 12
Market Value of Farm Real Estate per Acre, by Region, 1980-89 13
Market Value per Acre of Orchards, Vineyards, and Groves, by Region, 1980-89 14-15
Crop Reporting Districts 15
Prices Received for Field Crops, Fruit Crops, Livestock and Livestock Products and Vegetable Crops 16-17
California's Leading Agricultural Counties by Total Value of Production -- 1988 18
Top 20 States in 1988 Cash Farm Receipts 19
Number of California Crops 20
Value of California's Leading Agricultural Exports -- 1988 21
1987-88 and 1988-89 Season Rainfall, with Comparisons to Normal 22
California Department of Food and Agriculture Divisions and State Board 23
California County Agricultural Commissioners 24-25
California Statistical Publications Order Forms 27-28

Distributed under the
Library Distribution Act

California Department of Food and Agriculture
1220 N Street
Sacramento, CA 95814

California Agriculture

(STATISTICAL REVIEW FOR 1988)

LEADS NATION FOR 41ST YEAR

Sales of farm products from California farms and ranches again led the Nation in 1988. This is the 41st consecutive year that the Golden State's diversified products have been valued at more than any other state. The $16.6 billion total value was an increase of 5.5 percent over the previous year.

Marketings of fruits and nuts brought $4.0 billion dollars, up 9.2 percent from 1987. Contributing to the increase were substantial gains in apples, avocados, peaches, pistachios and citrus fruits.

Vegetable cash receipts were lower by one percent than the previous year. During the same time tonnage increased slightly, lower prices caused the decrease in total value.

Cash receipts from field crops increased 1 percent with gains reported in grain and bean prices. Total receipts from cotton were up due to the increased value of cottonseed and pima cotton. These gains offset the lower average price of cotton lint.

FIELD CROPS:

The value of California's 1988 field crop production is estimated at $2.99 billion, 1 percent above the $2.95 billion value of the previous year. Average value of production per acre harvested in 1988 was $563, just slightly below the $565 per acre value in 1987.

Production of major field crops in 1988 totaled 25.2 million tons, 8 percent below the 27.4 million tons produced in 1987. The 5.3 million acres harvested in 1988 were 2 percent above the 5.2 million acres harvested the previous year.

Hay and cottonseed were major contributors to the increase in value for 1988. Other crops contributing significantly to the increased value included wheat, barley, oats, rice, American-Pima cotton, and dry edible beans. Offsetting the increase somewhat were corn silage, Upland cotton, sugarbeets, alfalfa seed, potatoes and sweetpotatoes, all of which had less value in 1988.

FRUIT AND NUT CROPS:

The total value of California's 1988 fruit and nut crops is estimated to be $4.0 billion, 9.2 percent above 1987. Grapes continued to lead with one-third of the total.

Production for 1988 fruit and nut crops is estimated at 12.6 million tons, up nearly 2 percent from 1987. Total bearing acreage of 1,853,800 was off 1 percent from a year ago. Average value of production per acre of $2,068 was up $195 from a year ago.

Cold, Arctic air ushered in the New Year. Preventative measures kept citrus and avocado damage to 10-15 percent in most areas. Damaged fruit was downgraded from fresh to processing uses. Near normal temperatures and generally scattered rains returned to dominate January's weather. Spring-like temperatures in February pushed the almonds and stone fruit orchards into an early, full bloom near month's end. Mild and generally dry weather continued into early March. The unusually warm, dry spring gave way to frost by mid-month. Damage in the San Joaquin Valley was spotty. Above normal temperatures returned and continued through mid-April. Late in the month, localized hail and wind damaged some San Joaquin Valley almonds, apricots and peaches. May entered with cool temperatures, strong winds and rain causing damage mainly to the cherry crop. Normal to above normal temperatures moved in and continued through June. Precipitation was scattered to light with seasonal temperatures and several record-breaking highs. By contrast, August was cooler than normal. Good harvest conditions continued into September with generally dry, warm conditions. Only scattered rain fell in October while temperatures were mostly above average. November and December continued drier than normal with average temperature ranges.

VEGETABLE CROPS:

The total value of California's 1988 vegetable crops is estimated at $3.7 billion, a 1 percent decrease over 1987. The harvested acreage of 1.117 million acres was 2 percent greater than the previous year. Major crops showing an increase in value from 1987 included asparagus, broccoli, fresh market and processing tomatoes, cauliflower, and celery. Carrots, lettuce, melons, mushrooms, and onions constitute those crops that showed a decrease in value from 1987. California again led the Nation in vegetable production with 54 percent of the U.S. production of principal fresh market crops and 58 percent of the U.S. production of the major processing crops.

LIVESTOCK AND DAIRY:

Cash receipts from farm marketings of meat animals during 1988 totaled nearly $1.70 billion. Receipts from sales of milk and cream during 1988 totaled over $2.08 billion for the second year in a row. Cattle and calves totaled 4.7 million head on California farms and ranches January 1, 1989. The beef cow inventory of 925,000 increased 1 percent while beef cow replacements were down 6 percent from the previous year. Dairy cow numbers at 1,025,000 increased 2 percent and milk cow replacements also increased 2 percent from a year earlier. Sheep and lamb inventories at 940,000 were down 5 percent from last year. The stock sheep inventory and the number of sheep and lambs on feed decreased 3 and 16 percent, respectively. The December 1, 1988 inventory of hogs and pigs at 120,000 showed an 8 percent decrease from a year ago.

POULTRY:

Cash receipts from farm marketings of chicken eggs in 1988 were $298 million, broilers $339 million, and turkeys $200 million. California egg production totaled 7.7 billion eggs during 1988, a decrease of 4 percent from 1987. The average number of layers in 1988 decreased 6 percent, but eggs per layer increased by 2 percent. Broiler and fryer production at 212 million birds was up 8 percent from the previous year.

California Firsts

- Some 250 crops are recognized in California, including seeds, flowers and ornamentals.
- This report contains information about 60 major crops grown on a large commercial scale in California:

14 Field Crops
22 Fruits & Nuts
22 Vegetables
2 Nursery Products and Cut Flowers

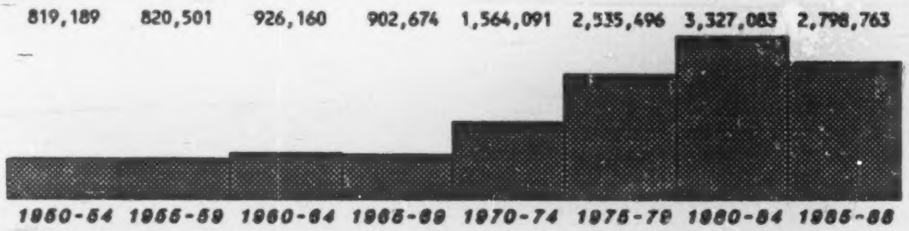
In addition, data are shown for 9 livestock and poultry products.

The table below lists 58 commercial crop and livestock commodities in which California leads the Nation. A large number are specialty crops in which the Golden State accounts for most of the U.S. production.

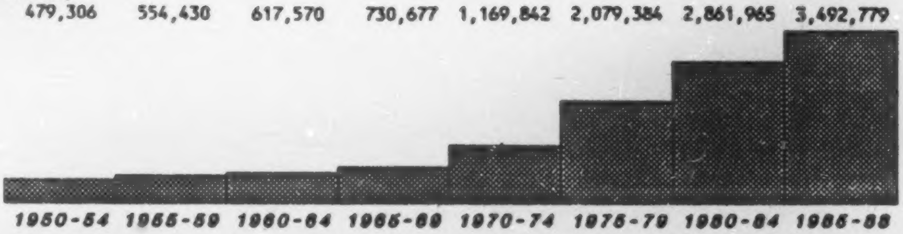
CROP AND LIVESTOCK COMMODITIES IN WHICH CALIFORNIA LEADS THE NATION

Alfalfa Seed
Almonds
Apricots
Artichokes
Asparagus
Avocados
Broccoli
Brussels Sprouts
Cantaloupes
Carrots
Casaba Melons
Cauliflower
Celery
Chinchillas
Crenshaw Melons
Cut Flowers
Dates
Eggs
Figs
Flower Seeds
Garlic
Green Lima Beans
Hay
Herbs
Honeydew Melons
Indoor Plants
Kiwifruit
Ladino Clover Seed
Lemons
Lettuce
Nectarines
Nursery Plants
Olives
Onions
Oriental Vegetables
Parsley
Peaches
Pears, Bartlett
Persian Melons
Persimmons
Pigeons & Squabs
Pistachios
Plums
Pomegranates
Prunes
Rabbits
Raisins
Safflower
Spinach
Strawberries
Sudan Grass
Table Grapes
Tomatoes, Proc.
Turnips
Vegetable Seeds
Walnuts
Wild Rice
Wine Grapes

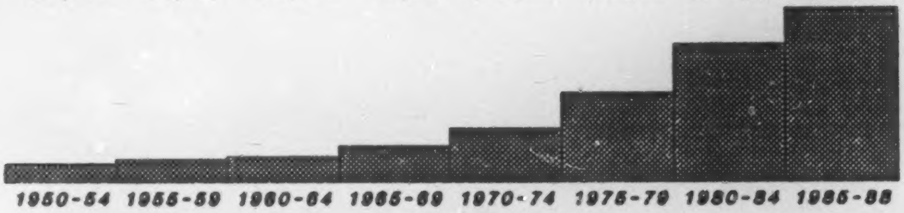
Principal Crops: Acreage Value, California, 1950-88



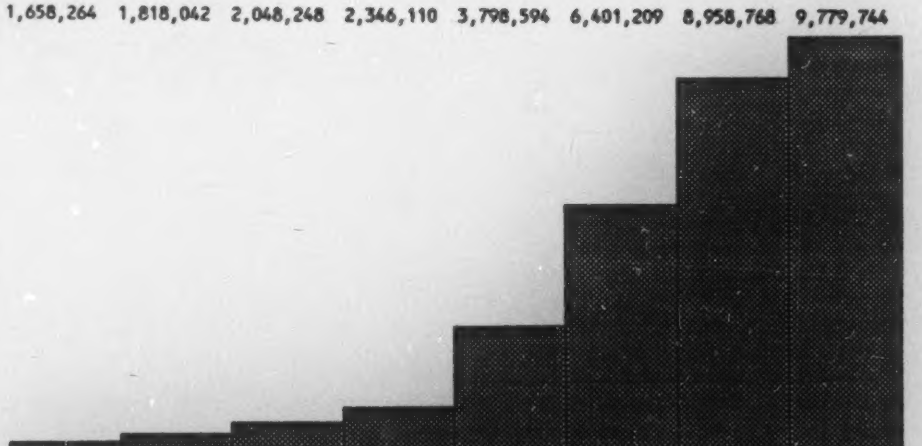
FIELD CROPS
(THOUSAND DOLLARS)



FRUIT AND NUT CROPS
(THOUSAND DOLLARS)



VEGETABLES AND MELONS
(THOUSAND DOLLARS)



TOTAL AVERAGE VALUE OF CROPS
(THOUSAND DOLLARS)

California's Agricultural Commodities:

Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1988

Commodity	National Ranking 9/	California's Share of U.S. Production	Harvested Acreage	Short Tons (2,000 Lbs.)	Value 2/	Rank Among All California Commodities 2/		Harvest Season	Leading Counties 1/
						1987	1988		
	Number	Percent	000 Acres	000 Tons	$1,000	Number			
VEGETABLES - TOTAL VALUE - $3,701,745,000									
Artichokes	1	N/A	11.9	65.9	38,193	48	48	Aug. 1-Jul. 31	Monterey, Santa Barbara, San Mateo, Santa Cruz
Asparagus	1	48.0	40.1	58.2	83,431	37	38	Feb. 1 -June 30	San Joaquin, Imperial, Monterey, Riverside
Broccoli	1	90.9	101.1	581.4	265,954	17	15	Continuous	Monterey, Santa Barbara, Imperial, Fresno
Bushberries									
Boysenberries	N/A	N/A	0.4	1.1	3,814	69	67	June 1-June 30	Stanislaus
Olallieberries	N/A	N/A	0.2	1.1	2,054	70	70	June 1-Aug. 30	Santa Cruz, Merced
Raspberries	N/A	N/A	0.5	2.8	8,803	64	63	June 1-Sep. 30	Santa Cruz, Monterey
Carrots	1	65.1	51.1	1,058.5	247,366	15	17	Continuous	Kern, Imperial, Fresno Monterey
Cauliflower	1	79.2	48.0	312.0	161,514	26	26	Continuous	Monterey, Imperial Santa Barbara
Celery	1	68.4	20.3	663.9	147,740	29	27	Continuous	Ventura, Monterey, Santa Barbara
Corn, Sweet	2	13.4	15.0	97.5	29,445	55	52	May 1-Dec. 10	Riverside, Santa Clara Ventura, Contra Costa
Cucumbers									
For Processing	3	10.6	3.8	69.0	14,699	59	59	July 1-Sep. 30	San Diego, San Joaquin, Santa Clara, Tulare, Ventura
Garlic	1	N/A	15.8	135.8	40,569	42	47	Apr. 1-Sep. 15	Fresno, Kern
Lettuce	1	73.0	159.5	2,591.9	632,424	6	8	Continuous	Monterey, Imperial, Riverside, Fresno
Melons									
Cantaloupe	1	N/A	84.5	633.8	114,075	27	30	May 15-Nov. 30	Fresno, Imperial, Merced Riverside
Casaba & Santa Claus	1	N/A	2.5	25.0	6,000	66	66	June 1-Nov. 30	Riverside, Stanislaus
Crenshaw	1	N/A	1.0	8.3	3,135	68	69	June 1-Nov. 30	Riverside, Stanislaus
Honeydew	1	69.1	21.3	181.1	47,435	44	44	June 1-Nov. 30	Imperial, Fresno, Sutter, Yolo
Persian	1	N/A	0.5	4.3	1,360	71	71	June 15-Oct. 30	Fresno, Stanislaus, Kern
Mushrooms, All	2	17.8	0.5	56.3	110,189	31	32	Continuous	Monterey, Santa Clara, San Diego
Onions	1	32.1	40.5	773.8	104,082	28	35	Apr. 1-Oct. 31	Fresno, Kern, Imperial, Los Angeles
Peppers, Chili	N/A	N/A	3.5	9.8	9,618	60	62	Sep. 15-Dec. 15	Monterey, Santa Clara
Strawberries	1	73.9	17.6	431.2	388,998	11	11	Jan. 15-Dec. 1	Monterey, Ventura, Santa Barbara, Santa Cruz, Orange
Fresh Market	1	78.0	---	328.7	341,848	---	---	---	---
Processing	1	63.3	---	102.5	47,150	---	---	---	---
Tomatoes	1	80.2	263.6	7,369.3	6,993.2	---	---	---	---
Fresh Market	2	25.0	37.5	445.3	264,075	20	16	Apr. 15-Dec. 31	Fresno, San Joaquin, Stanislaus, Monterey, San Diego
Processing	1	88.4	226.1	6,547.9	385,669	10	12	June 20-Nov. 10	Fresno, Yolo, Solano, San Joaquin, Sutter
Other Vegetables, Berries and Melons, Etc.			---		591,103				---

California's Agricultural Commodities:

Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1988

Commodity	National Ranking 9/	California's Share of U.S. Production	Harvested Acreage	Short Tons (2,000 Lbs.)	Value 2/	Rank Among All California Commodities 2/		Harvest Season	Leading Counties 1/
						1987	1988		
	Number	Percent	000 Acres	000 Tons	$1,000	Number			
FRUIT AND NUTS - TOTAL VALUE - $4,040,253,000									
Almonds (Shelled)	1	99.9	407.0	295.0	600,075	8	9	Aug. 1-Oct. 31	Kern, Stanislaus, Merced, Butte, Fresno
Apples	4	6.9	23.0	315.0	117,750	38	29	June 15-Oct. 30	Kern, Santa Cruz, San Joaquin, Sonoma
Apricots	1	92.9	17.8	95.0	29,613	49	51	June 1-Aug. 15	Stanislaus, San Joaquin, San Benito, Tulare, Kern
Avocados	1	86.1	74.8	180.0	205,200	32	18	Continuous	San Diego, Riverside, Santa Barbara, Ventura
Cherries, Sweet	4	14.0	10.3	26.0	20,040	51	55	May 20-June 25	San Joaquin, Stanislaus, Santa Clara
Dates	1	99.9	5.0	22.0	19,756	58	56	Oct. 1-Dec. 15	Riverside, Imperial
Figs	1	99.9	17.7	47.7	16,610	57	57	June 10-Sep. 15	Madera, Merced, Fresno Riverside, Kern, San Diego
Grapefruit	2	13.0	20.6	291.9	55,404	41	42	---	Riverside, Kern, San Diego San Bernardino
Desert	---	---	9.0	134.4	22,008	---	---	Nov. 10-June 10	---
Other	---	---	11.6	157.5	33,396	---	---	Mar. 15-OCt. 25	---
Grapes, All	1	91.6	654.2	5,485.0	1,356,250	3	3	---	Fresno, Kern, Tulare, San Joaquin, Riverside
Raisin Type	---	---	271.0	2,550.0	511,920	---	---	May 15-Dec. 15	Fresno, Tulare, Kern, Madera
Table Type	---	---	86.2	755.0	197,640	---	---	May 25-Dec. 15	Riverside, Tulare, Kern, Fresno, Madera
Wine Type	---	---	297.0	2,180.0	646,690	---	---	Aug. 5-Dec. 15	San Joaquin, Napa, Sonoma, Fresno, Madera
Kiwifruit	1	100.0	6.9	32.7	22,420	50	54	Sep. 15-Dec. 28	Tulare, Butte, Kern Yuba, Kings
Lemons	1	82.3	48.9	646.0	171,436	20	24	Continuous	Ventura, Riverside, Tulare San Diego, Kern
Nectarines	1	97.0	24.2	200.0	78,861	39	39	June 10-Sep. 5	Fresno, Tulare, Kings
Olives	1	99.9	31.5	87.5	50,449	46	43	Sep. 25-Mar. 15	Tulare, Tehama, Madera Kern, Butte
Oranges, All	2	26.0	172.0	2,205.0	458,446	10	10	---	Tulare, Kern, Fresno, Ventura, Riverside
Navel & Misc.	---	---	105.3	1,181.3	246,462	---	---	Oct. 25-May 15	Tulare, Kern, Fresno, Riverside, San Bernardino
Valencia	---	---	66.7	1,023.8	211,984	---	---	Mar. 1-Dec. 1	Tulare, Ventura, San Diego Riverside, Orange
Peaches, All	1	58.7	53.7	769.0	177,880	25	23	---	Fresno, Stanislaus, Sutter, Tulare, Kings
Clingstone	---	100.0	27.6	507.5	98,280	---	---	July 15-Sep. 15	Stanislaus, Sutter, Yuba, Merced, Butte
Freestone	---	32.6	26.1	261.5	79,600	---	---	May 10-Sep. 15	Fresno, Tulare, Kings
Pears, All	2	35.1	23.0	302.0	74,540	40	40	July 5-Oct. 5	Sacramento, Lake, Mendocino, Solano, Yuba
Pistachios	1	100.0	44.1	47.0	104,340	43	34	Sep. 15-Dec. 10	Kern, Madera, Kings, Merced, Tulare
Plums	1	80.6	40.8	216.0	102,661	36	36	May 25-Sep. 20	Tulare, Fresno, Kern
Pomegranates	1	100.0	3.5	20.0	6,318	63	64	Sep. 15-Nov. 10	Tulare, Fresno
Prunes, Dried Basis	1	100.0	76.7	155.0	113,925	22	31	Aug. 10-Oct. 10	Sutter, Yuba, Tehama, Butte, Glenn

California's Agricultural Commodities:

Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1988

Commodity	National Ranking 9/	California's Share of U.S. Production	Harvested Acreage	Short Tons (2,000 Lbs.)	Value 2/	Rank Among All California Commodities 2/		Harvest Season	Leading Counties 1/
						1987	1988		
	Number	Percent	000 Acres	000 Tons	$1,000	Number			
Tangerines Mandarins, Tangelos & Tangors	2	41.9	8.4	78.4	32,297	54	49	Nov. 1-Apr. 30	Riverside, Tulare
Walnuts	1	100.0	174.0	206.0	190,962	16	21	Sep. 5-Nov. 10	San Joaquin, Stanislaus, Tulare, Butte, Sutter
Other Fruit & Nuts			---		35,020				

FIELD AND SEED CROPS - TOTAL VALUE - $2,994,182,000

Commodity	National Ranking 9/	California's Share of U.S. Production	Harvested Acreage	Short Tons (2,000 Lbs.)	Value 2/	Rank 1987	Rank 1988	Harvest Season	Leading Counties 1/
Alfalfa Seed	1	N/A	67.0	17.8	41,665	45	46	Aug. 15-Oct. 15	Fresno, Kings, Imperial
Barley	7	3.7	280.0	409.9	46,116	47	44	May 15-Oct. 1	San Luis Obispo, Siskiyou, Fresno, Tulare, Kern
Beans, Dry	2	15.0	150.0	144.7	104,473	33	33	Aug. 20-Nov. 15	Stanislaus, San Joaquin, Fresno, Kern, Tulare
Corn for Grain	21	0.6	187.0	759.2	86,768	34	37	Sep. 1-Dec. 1	San Joaquin, Solano, Sacramento, Yolo, Madera
Cotton	2	---	---	---	1,026,633	4	4	---	Fresno, Kern, Kings, Tulare
Lint	2	18.3	1,336.8	678.6	862,537	---	---	Oct. 1-Jan. 1	---
Seed	2	18.4	---	1,116.3	164,096	---	---	---	---
Hay, Alfalfa & Other	1	6.8	1,680.0	8,652.0	817,614	7	6	Mar. 1-Nov. 5	Imperial, Kern, Tulare, Fresno, Merced
Oats	26	1.1	35.0	39.2	6,003	65	65	June 15-Oct. 1	Siskiyou, San Joaquin Sonoma, Merced, Modoc, Sacramento
Potatoes	7	4.8	47.2	838.3	143,673	28	28	Continuous	Kern, Riverside, Siskiyou, Modoc, San Joaquin
Rice	2	18.5	420.0	1,474.5	197,583[8/]	19	20	Sep. 1-Nov. 30	Butte, Glenn, Colusa, Sutter, Yuba
Safflower	1	N/A	115.0	128.0	32,000	53	50	July 1-Sep. 15	Kings, San Joaquin, Yolo, Fresno, Sacramento
Sorghum Grain	16	0.2	15.0	33.6	3,696	67	68	Sep. 15-Nov. 25	Sutter, Tulare, Kern, Butte, Yolo
Sugar Beets	2	21.4	212.0	5,300.0	178,080	18	22	Apr. 1-Dec. 10	Imperial, San Joaquin, Kern Fresno, Merced
Sweetpotatoes	3	10.5	7.1	60.4	15,329	52	58	July 15-Nov. 15	Merced, Fresno
Wheat	16	2.4	519.0	1,313.6	164,860	30	25	May 20-Sep. 1	Imperial, Solano, Yolo, Kings, Fresno
Other Field Crops					129,689				

NURSERY AND FLOWER CROPS - TOTAL VALUE - $1,573,996,000

Commodity	National Ranking 9/	California's Share of U.S. Production	Harvested Acreage	Short Tons (2,000 Lbs.)	Value 2/	Rank 1987	Rank 1988	Harvest Season	Leading Counties 1/
Nursery Products	1	27.6	---	---	919,049	5	5	Continuous	San Diego, Los Angeles, Orange, Ventura, Kern
Flowers and Foliage	1	28.6	---	---	654,947	9	7	Continuous	San Diego, San Mateo, Monterey, Santa Barbara, Los Angeles

California's Agricultural Commodities:

Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1988

Commodity	National Ranking 9/	California's Share of U.S. Production	Production 9/	Value 2/	Rank Among All California Commodities 2/		Leading Counties 1/
					1987	1988	
	Number	Percent	000 Pounds	$1,000	Number		
LIVESTOCK, POULTRY AND APIARY - TOTAL VALUE - $4,703,771,000							
Cattle and Calves	7	4.8	2,591,000	1,613,819	2	2	Imperial, Tulare, Fresno
Chickens	9	5.1	1,086,135	343,090	13	13	Merced, Stanislaus, Los Angeles
Broilers & Fryers	9	4.5	997,335	339,094	---	---	
Other	3	8.5	88,800	3,996	---	---	
				(Millions of eggs)			
Eggs, Chicken	1	11.1	7,718	297,786	14	14	Riverside, Stanislaus, San Bernardino, San Diego
Hogs and Pigs	27	0.2	46,700	22,146	50	54	Tulare, Merced, Stanislaus
Honey	2	9.8	20,800	9,984	61	61	Tulare, Imperial, Kings
Milk & Cream	2	13.0	18,620,000	2,080,739	1	1	San Bernardino, Tulare, Stanislaus, Riverside, Merced
Sheep & Lambs	2	10.5	98,228	66,547	35	41	Kern, Solano, Colusa, Imperial
Turkeys	3	11.3	572,400	200,340	21	19	Fresno, Madera, Merced, Stanislaus, Tulare
Wool	3	8.0	7,103	10,157	62	60	Kern, Fresno, Solano, Merced, San Joaquin
Other Livestock & Poultry				59,163			

1/ *Based on values published in the Annual County Agricultural Commissioners' Reports.*
2/ *Based on value of quantity harvested for crops and on value of quantity marketed for livestock and poultry products.*
3/ *Share of U.S. production based on 1982 Census of Agriculture.*
4/ *Extracted from Agricultural Commissioners' Annual Crop Reports.*
5/ *Includes cut flowers, potted plants, foliage plants, bedding plants, and indoor decoratives.*
6/ *Includes trees, shrubs, vines, bulbs, turf, and cut Christmas trees, etc., not included in flowers and foliage category.*
7/ *Not available.*
8/ *The 1988 price and value are based on U.S. average price.*
9/ *Based on quantity produced for crops and on quantity marketed for livestock and poultry products.*

California's Leading Farm Products

- California's "Top Twenty" crop and livestock commodities account for about 75 percent of the State's gross farm income.

California's Diversity

- California agriculture is considered one of the most diversified in the world, with no one crop dominating the State's farm economy.
- This is illustrated by the fact that only one product exceeds 10 percent, and 11 of the top twenty crops individually account for less than 3 percent of the States's total gross farm income.

- In 1988, dairy products, cattle and calves, and eggs continued to dominate the livestock industry, while grapes, cotton, hay, nursery products, flowers and foliage, lettuce, almonds and oranges were the most important crops.

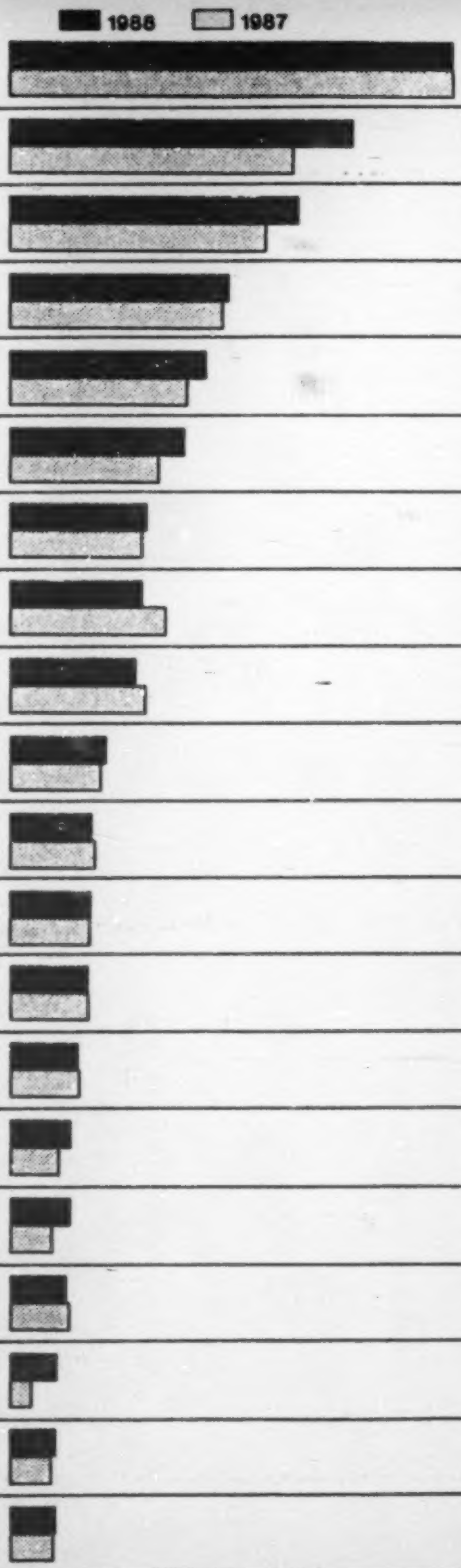
- California leads the Nation by a wide margin in the production of fruits and nuts and vegetables.

- California accounts for 50 percent of the Nation's cash receipts for fruits and nuts, while for vegetables, its share is over 50 percent.

California's Top Twenty

Farm Product	Commodity Ranking 1988	1987
	Number	
Milk and Cream	1	1
Cattle and Calves	2	2
Grapes	3	3
Cotton Lint & Seed	4	4
Nursery Products	5	5
Hay	6	7
Flowers & Foliage	7	9
Lettuce	8	6
Almonds	9	8
Oranges	10	10
Strawberries	11	11
Tomatoes, Processing	12	12
Chickens	13	13
Eggs, Chicken	14	14
Broccoli	15	17
Tomatoes, Fresh	16	20
Carrots	17	15
Avocados	18	32
Turkeys	19	21

Ranking and Value, 20 Leading Farm Products, California, 1987-88



(000 Dollars)

	1988	1987
Milk and Cream	2,080,739 (12.2 % of Total)	2,082,883 (12.8 % of Total)
Cattle and Calves	1,613,819 (9.5 % of Total)	1,331,433 (8.2 % of Total)
Grapes	1,356,250 (8.0 % of Total)	1,202,840 (7.4 % of Total)
Cotton Lint & Seed	1,026,633 (6.0 % of Total)	1,102,749 (6.8 % of Total)
Nursery Products	919,049 (5.4 % of Total)	831,042 (5.1 % of Total)
Hay	817,614 (4.8 % of Total)	697,888 (4.3 % of Total)
Flowers & Foliage	654,947 (3.8 % of Total)	632,465 (3.9 % of Total)
Lettuce	632,424 (3.7 % of Total)	747,254 (4.6 % of Total)
Almonds	600,075 (3.5 % of Total)	648,000 (4.0 % of Total)
Oranges	458,446 (2.7 % of Total)	434,124 (2.7 % of Total)
Strawberries	388,998 (2.3 % of Total)	407,657 (2.5 % of Total)
Tomatoes, Processing	385,669 (2.3 % of Total)	383,382 (2.4 % of Total)
Chickens	343,090 (2.0 % of Total)	346,633 (2.1 % of Total)
Eggs, Chicken	297,786 (1.8 % of Total)	307,548 (1.9 % of Total)
Broccoli	265,954 (1.6 % of Total)	212,562 (1.3 % of Total)
Tomatoes, Fresh	264,075 (1.6 % of Total)	182,905 (1.1 % of Total)
Carrots	247,366 (1.5 % of Total)	261,444 (1.6 % of Total)
Avocados	205,200 (1.2 % of Total)	93,964 (0.6 % of Total)
Turkeys	200,340 (1.2 % of Total)	180,081 (1.1 % of Total)
Rice	197,583 (1.2 % of Total)	187,723 (1.2 % of Total)

- *Based on value of quantity harvested for crops and on value of quantity marketed for livestock and poultry products.*
- *Due to revisions in valuations, the prior-year ranking of a commodity may not match the rankings listed in previous publications.*

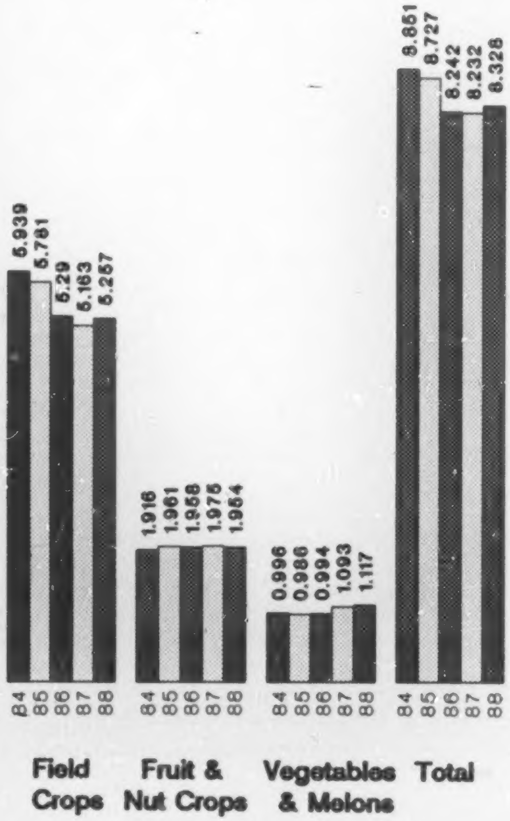
Acreage and Production by Principal Groupings for California, 1984-88

Acreage of all crops in 1988 totaled 8.3 million acres, up 1 percent from 1987 and continuing a decline from 1984.

- Total tonnage decreased 3 percent, Fruits and Vegetables showed slight increases with Field Crops decreasing.
- The total tonnage for 1987 is the highest ever recorded, surpassing 1981's previous high by 2 percent.

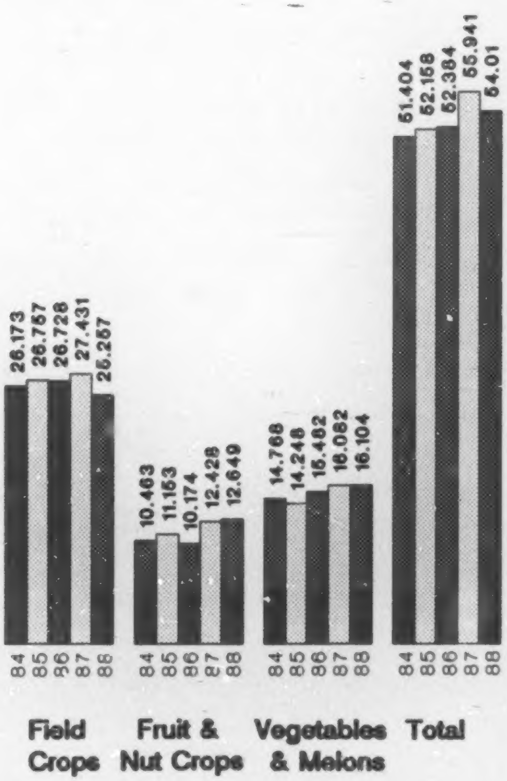
Acreage Harvested

(Millions)



Production

(Million Short Tons)

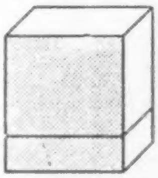


CALIFORNIA LAND
FARM AND LAND VALUES

- About 11 percent of the national gross cash receipts for farming are produced in California on 84,000 farms.
- This constitutes 3.2 percent of the Nation's total (based on the Census of Agriculture definition of farms as places with annual sales of agricultural products of $1,000 or more).

1989 CALIFORNIA AGRICULTURAL LAND

31 Million Acres

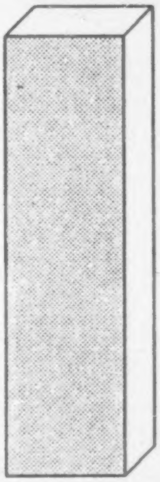


Nonirrigated Land:
Range & Pasture
23 Million Acres

Irrigated Farmland
8 Million Acres

- Average California Farm Size: 373 Acres
- Average U.S. Farm Size: 456 Acres

SIZE OF CALIFORNIA
100 Million Acres



California Number of Farms, Land in Farms, and Size of Farm---1950-1989

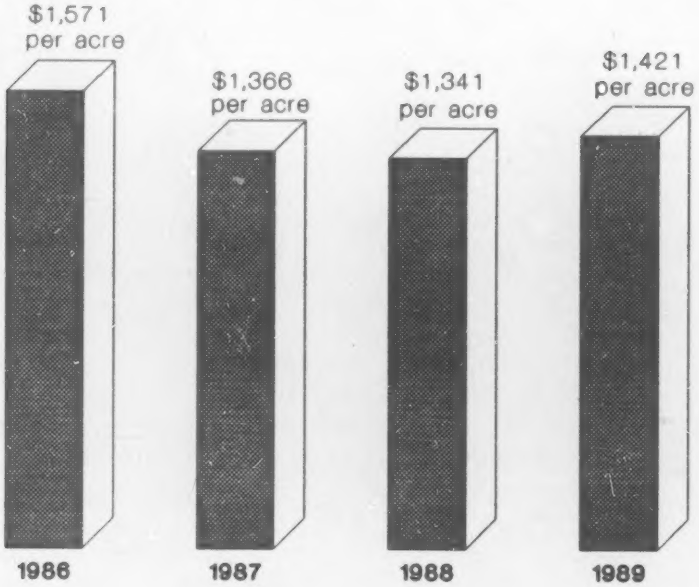
Year	Number of Farms	Land in Farms - 000 Acres -	Average Size of Farm - Acres -
1950*	144,000	37,500	260
1955	124,000	39,000	316
1960	108,000	38,800	359
1965	82,000	37,800	461
1970	64,000	36,600	572
1975**	73,000	34,300	470
1980	81,000	33,800	417
1985	79,000	32,900	416
1986	79,000	32,800	415
1987	83,000	31,900	384
1988	84,000	31,600	376
1989	84,000	31,300	373

* *Old definition of farm: Places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more.*

** *New definition of farm: Places with annual sales of agricultural products of $1,000 or more.*

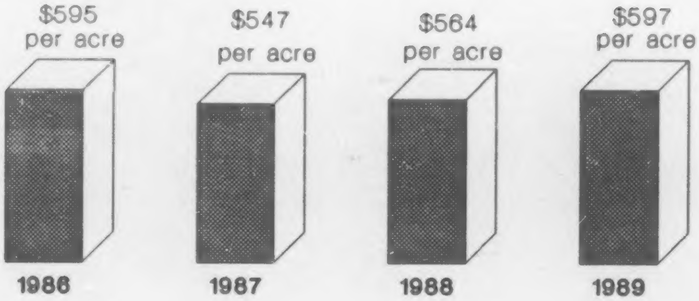
California Farm Land Values

(including buildings)



U.S. Farm Land Values

(including buildings)



California Market Value of Farm Real Estate Per Acre, By Region, 1980-89*

Land Use and Region	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
					Dollars					
IRRIGATED										
Truck and Vegetables										
North & East Central	---	---	---	2,470	2,430	2,070	1,900	1,900	2,050	---
Central Coast	4,900	5,890	6,380	6,410	6,280	5,550	6,000	7,000	6,800	7,200
Sacramento Valley	2,820	3,384	3,650	3,660	3,370	2,600	2,250	2,150	2,250	2,300
San Joaquin Valley	3,545	4,190	4,570	4,660	4,360	3,230	2,650	2,800	3,000	3,200
Southern California	4,670	6,180	6,600	6,800	6,900	5,170	5,350	6,000	5,900	6,200
Cotton										
San Joaquin Valley	---	---	---	---	---	2,800	2,150	2,200	2,350	2,450
Southern California	---	---	---	---	---	2,750	2,450	2,500	2,400	2,300
Rice										
Sacramento Valley	---	---	---	---	---	1,800	1,600	1,400	1,600	1,600
San Joaquin Valley	---	---	---	---	---	1,950	1,750	1,500	1,750	1,800
Extensive Field Crops 1/										
North & East Central	1,220	1,610	1,700	1,780	1,700	1,530	1,600	1,400	1,300	1,400
Central Coast	2,090	2,820	3,100	2,760	2,610	2,540	2,600	2,500	2,600	2,650
Sacramento Valley	2,210	2,570	2,850	2,700	2,730	2,250	1,900	1,850	1,850	2,000
San Joaquin Valley	2,680	3,180	3,640	3,750	3,500	2,890	2,530	2,200	2,400	2,600
Southern California	2,890	3,350	3,460	3,640	3,550	2,920	3,000	3,200	3,300	3,500
Pasture										
North & East Central	1,000	1,350	1,400	1,500	1,370	1,340	1,400	1,350	1,250	1,350
Central Coast	1,830	2,090	2,200	2,300	2,190	2,250	2,600	2,500	2,600	2,750
Sacramento Valley	1,595	1,980	2,060	1,960	1,950	1,620	1,400	1,300	1,450	1,500
San Joaquin Valley	1,970	2,140	2,420	2,530	2,310	2,090	1,650	1,800	2,050	2,150
Southern California	2,330	2,410	---	---	---	2,260	2,500	3,000	3,000	---
NONIRRIGATED										
Cropland										
North & East Central	620	710	850	870	840	820	850	900	800	800
Central Coast	1,000	1,360	1,500	1,490	1,550	1,420	1,150	1,500	1,500	1,600
Sacramento Valley	1,140	1,320	1,400	1,470	1,490	960	820	800	750	850
San Joaquin Valley	1,210	1,480	1,710	1,600	1,560	1,170	1,000	900	1,000	1,100
Southern California	---	---	---	---	---	1,930	2,200	2,700	2,750	3,200
Pasture										
North & East Central	580	630	700	700	630	700	770	700	650	700
Central Coast	780	940	990	1,000	1,090	950	900	1,000	1,000	1,100
Sacramento Valley	810	1,050	1,120	1,030	1,070	920	790	700	650	650
San Joaquin Valley	845	1,050	1,310	1,210	1,120	950	770	800	850	900
Rangeland 2/										
North & East Central	320	400	450	460	540	410	460	500	450	450
Central Coast	570	670	700	650	690	750	800	850	850	900
Sacramento Valley	460	500	650	660	610	650	600	550	450	450
San Joaquin Valley	550	620	770	700	740	690	600	600	550	600

1/ Includes land used for barley, beans, corn, and sorghum. Beginning 1985 includes land used for alfalfa, wheat, barley, sugar beets, beans, and corn.

2/ Unimproved.

** See Crop Reporting Regions on Page 15.*

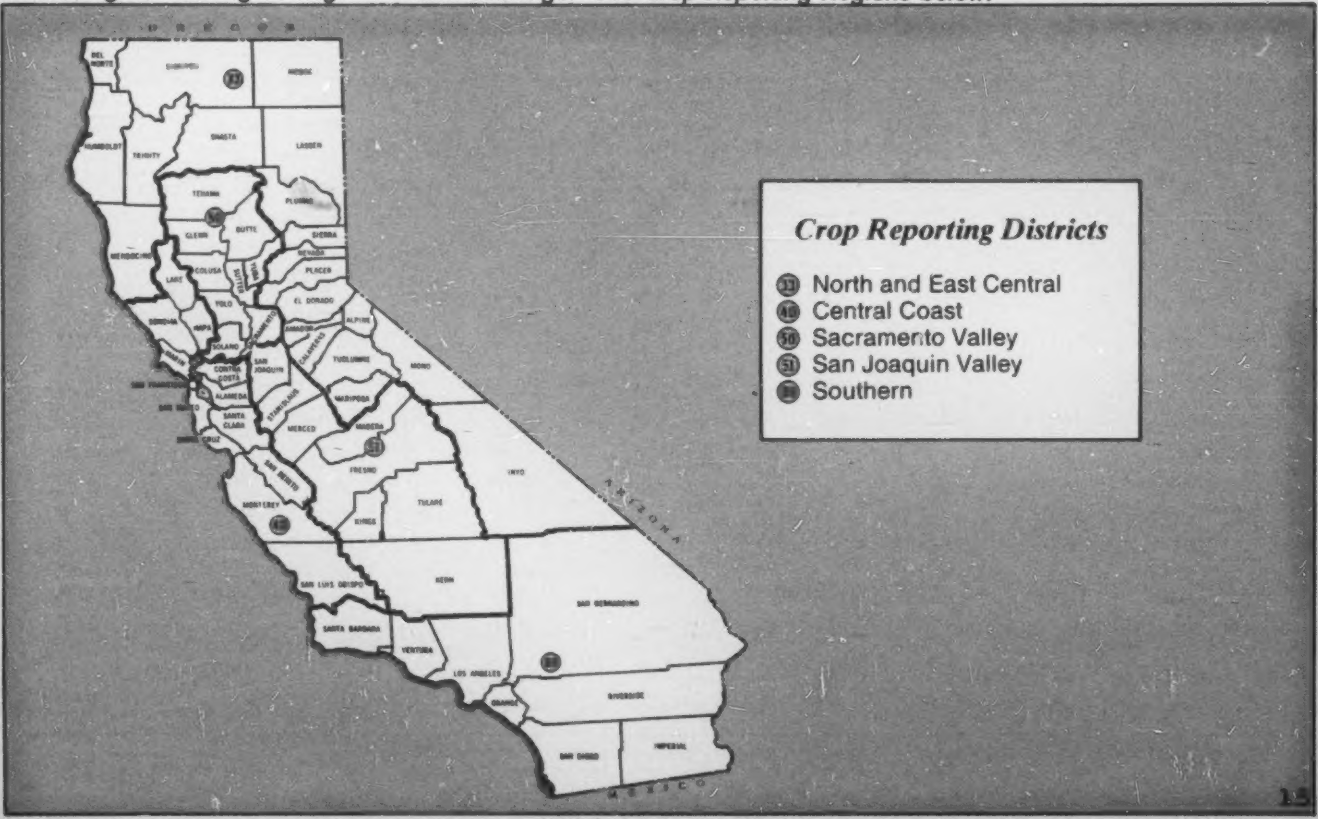
California Market Value Per Acre of Orchards, Vineyards, and Groves, By Region, 1980-89*

Crop and Region	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
					Dollars					
ORCHARD										
Almonds										
Sacramento Valley	5,150	5,600	5,940	7,080	5,880	4,560	4,100	4,400	4,800	4,900
San Joaquin Valley	8,050	8,300	8,570	7,390	6,520	5,630	4,800	5,200	5,400	5,800
English Walnuts										
Central Coast	6,200	8,200	8,500	8,330	—	—	6,700	6,300	5,900	6,000
Sacramento Valley	5,700	7,150	8,750	7,990	7,420	5,980	5,000	5,100	5,000	5,400
San Joaquin Valley	6,800	8,300	8,780	8,380	7,840	5,970	5,500	5,500	6,000	6,100
Pistachios										
San Joaquin Valley	—	—	—	—	—	—	8,700	8,400	8,400	8,400
Apples										
Central Coast	8,400	8,900	9,600	—	—	—	9,950	10,200	10,000	—
San Joaquin Valley	—	—	—	—	—	5,810	6,300	7,000	6,500	6,600
Apricots										
Central Coast	6,000	8,200	—	—	—	—	6,100	6,800	6,700	—
Sacramento Valley	—	—	—	—	—	—	4,100	4,400	4,300	—
San Joaquin Valley	6,300	7,450	7,270	7,340	6,990	5,080	4,850	5,000	4,900	5,500
Avocados										
Southern California	17,200	18,300	17,720	17,030	16,905	13,970	14,000	13,000	14,500	16,000
Cherries										
San Joaquin Valley	—	—	—	—	—	—	6,850	6,600	7,500	7,800
Nectarines										
San Joaquin Valley	—	—	8,970	8,500	7,470	6,090	5,400	6,000	5,850	6,200
Olives										
San Joaquin Valley	4,250	5,400	5,800	—	—	5,230	5,600	5,800	6,200	6,250
Peaches										
Sacramento Valley	4,850	5,600	5,940	5,590	5,480	4,840	4,650	4,400	4,550	5,100
San Joaquin Valley	7,800	8,300	8,570	7,410	6,850	5,870	5,300	5,500	5,550	6,000
Pears										
Central Coast	6,000	8,000	7,700	7,440	5,100	—	5,250	5,000	—	—
Sacramento Valley	4,750	5,620	5,280	5,350	4,735	3,300	4,400	4,300	4,250	4,600
San Joaquin Valley	—	—	—	—	—	—	5,150	5,100	5,000	—
Plums										
San Joaquin Valley	8,300	8,900	9,770	8,770	8,030	5,940	5,500	6,000	5,550	6,100
Prunes										
Central Coast	5,900	7,870	8,300	8,200	8,070	—	6,750	6,100	—	—
Sacramento Valley	4,400	5,350	5,930	5,690	5,330	4,600	4,150	4,000	4,250	4,600
San Joaquin Valley	5,950	7,450	7,770	—	—	4,860	4,950	5,500	5,500	6,000
CITRUS										
Grapefruit										
Southern California	8,500	10,500	9,870	9,560	8,900	9,840	11,000	9,600	10,000	10,900

California Market Value Per Acre of Orchards, Vineyards, and Groves, By Region, 1980-89*

Crop and Region	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
					Dollars					
Lemons										
San Joaquin Valley	5,900	6,950	6,440	6,850	6,610	5,540	7,300	7,000	7,050	7,500
Southern California	11,900	15,250	14,110	13,860	13,020	13,020	13,400	13,000	13,400	15,000
Navel Oranges										
San Joaquin Valley	6,350	6,950	7,410	7,510	8,070	7,880	8,250	8,000	8,000	8,500
Southern California	8,600	11,250	11,400	10,100	11,180	11,810	13,400	11,900	12,900	14,300
Valencia Oranges										
San Joaquin Valley	6,150	6,900	7,260	7,830	7,900	8,010	8,400	8,400	8,000	8,600
Southern California	9,100	11,400	12,030	11,110	11,880	11,460	13,000	12,400	13,900	14,700
Tangerines										
San Joaquin Valley	---	6,700	6,530	6,670	7,820	---	6,900	7,200	7,200	7,800
VINEYARDS										
Grapes										
Raisin Varieties										
San Joaquin Valley	10,150	10,200	10,840	9,460	6,580	4,520	4,000	4,300	4,850	5,300
Table Varieties										
San Joaquin Valley	9,300	9,350	9,560	9,920	7,810	5,550	4,850	5,000	5,400	5,900
Wine Varieties										
Central Coast	10,300	14,250	15,840	15,230	16,640	14,790	15,400	16,000	16,400	19,000
San Joaquin Valley	7,900	8,250	9,770	8,060	6,380	4,680	4,000	4,200	4,800	5,200
Kiwifruit										
Sacramento Valley	---	---	---	---	---	---	---	12,600	11,300	12,000
San Joaquin Valley	---	---	---	---	---	---	10,600	10,600	9,100	9,400

**Excluding nonbearing acreage and farm buildings. See Crop Reporting Regions below.*


OREGON
DEL NORTE
SISKIYOU
MODOC
HUMBOLDT
TRINITY
SHASTA
LASSEN
TEHAMA
PLUMAS
GLENN
BUTTE
MENDOCINO
COLUSA
SIERRA
NEVADA
PLACER
LAKE
YOLO
EL DORADO
SONOMA
NAPA
SOLANO
ALPINE
AMADOR
MARIN
CONTRA COSTA
SAN JOAQUIN
CALAVERAS
TUOLUMNE
MONO
SAN FRANCISCO
ALAMEDA
SAN MATEO
SANTA CLARA
STANISLAUS
MARIPOSA
MADERA
SANTA CRUZ
MERCED
FRESNO
SAN BENITO
INYO
MONTEREY
TULARE
KINGS
ARIZONA
KERN
SAN LUIS OBISPO
SAN BERNARDINO
SANTA BARBARA
VENTURA
LOS ANGELES
ORANGE
RIVERSIDE
SAN DIEGO
IMPERIAL
MEXICO
Crop Reporting Districts
㉝ North and East Central
㊵ Central Coast
㊿ Sacramento Valley
(51) San Joaquin Valley
Southern

Prices Received for Field Crops, California

Year and Month		Wheat per cwt.	Oats per cwt.	Barley per cwt.	Sorghum Grain per cwt.	Dry Beans per cwt.	Potatoes per cwt.	All Hay per ton	Alfalfa Hay per ton	Upland Cotton per lb.
						Dollars				
1988	January	5.25	5.81	4.71	---	25.00	6.00	76.00	78.00	.672
	February	4.88	6.00	4.38	---	28.00	6.35	78.00	79.00	.655
	March	5.72	6.09	4.54	---	30.00	5.45	89.00	90.00	.658
	April	---	6.00	4.96	---	30.00	5.45	87.00	88.00	.672
	May	5.67	---	4.69	---	30.00	10.10	93.00	94.00	.675
	June	6.23	---	5.15	---	29.00	7.15	92.00	94.00	.759
	July	6.70	---	6.13	---	34.00	7.90	87.00	88.00	.642
	August	6.25	7.50	6.02	---	34.00	10.30	86.00	87.00	.616
	September	6.03	7.84	6.02	---	31.00	15.60	91.00	92.00	.608
	October	6.52	8.00	5.94	---	35.00	7.55	98.00	99.00	.631
	November	6.33	9.00	5.17	---	36.00	7.75	99.00	100.00	.643
	December	7.33	7.63	5.77	---	36.00	8.70	103.00	104.00	.642
1988	Average	6.28	7.66	5.63	5.50	36.10	8.65	94.50	---	.635
1987	Average	4.83	5.63	4.48	3.94	27.50	8.45	77.50	---	.696
1986	Average	4.87	4.78	4.29	3.60	28.50	7.85	72.50	---	.591

Prices Received for Fruit Crops, California (Grower Return Basis)

Year and Month		Apples Fresh per lb.	Peaches Fresh per lb.	All Pears Fresh per lb.	Navel Oranges Fresh per cwt.	Valencia Oranges Fresh per box	Grapefruit Fresh per box	Lemons Fresh per box	Tangerines Fresh per box
					Dollars				
1988	January	.228	---	---	9.58	---	9.73	9.60	14.68
	February	.285	---	---	8.38	---	8.04	10.90	20.68
	March	.285	---	---	8.08	12.28	6.60	13.80	20.18
	April	.285	---	---	8.48	14.18	6.15	14.50	19.78
	May	---	.385	---	12.48	14.28	7.20	16.00	11.58
	June	---	.168	---	7.08	13.68	7.85	20.00	11.58
	July	.356	.158	.365	---	11.28	9.66	22.20	11.58
	August	.300	.140	.335	---	9.78	8.82	24.30	---
	September	.359	.165	.260	---	8.48	9.54	24.80	---
	October	.293	---	.250	---	11.18	10.74	22.70	---
	November	.357	---	---	15.04	7.28	7.49	18.70	26.28
	December	.377	---	---	11.44	6.48	6.09	15.82	22.98
1988	Average	.320	.198	.172	9.58	11.48	8.49	16.40	20.68
1987	Average	.233	.167	.117	9.20	11.84	9.15	13.38	15.24
1986	Average	.307	.177	.166	8.90	7.40	10.13	17.02	17.10

*Citrus and apple average based on marketing year; peaches and pears on a calendar year.

Prices Received for Livestock and Livestock Products, California

Year and Month		All Beef Cattle per cwt.	Beef Cows per cwt.	Steers & Heifers per cwt.	Calves per cwt.	Lambs per cwt.	All Milk Sold To Plants per cwt.	Broilers per lb.	Turkeys per lb.	Market Eggs per doz.
						Dollars				
1988	January	59.10	46.40	66.70	79.80	75.70	11.39	.375	.350	.380
	February	62.60	48.10	69.00	85.40	82.50	11.11	.350	.300	.375
	March	63.00	48.20	70.10	86.80	74.60	10.90	.350	.230	.445
	April	63.70	47.90	72.50	84.70	81.00	10.70	.360	.260	.380
	May	64.70	48.10	73.90	85.20	77.30	10.69	.350	.250	.320
	June	61.80	45.50	70.10	78.10	51.30	10.59	.350	.250	.345
	July	59.50	45.70	67.50	76.30	57.30	10.55	.310	.350	.445
	August	62.50	47.00	70.60	82.60	58.10	10.60	.340	.380	.475
	September	62.30	47.60	71.20	84.90	61.80	10.87	.320	.410	.545
	October	60.10	45.50	70.60	82.20	63.80	11.08	.320	.470	.480
	November	59.50	44.80	72.00	84.30	65.50	11.29	.320	.490	.580
	December	60.60	44.50	70.80	83.10	67.10	11.71	.375	.410	.570
1988	Average	61.80	46.70	70.40	82.70	70.30	10.94	.340	.350	.427
1987	Average	56.30	44.00	64.50	71.60	74.90	11.43	.370	.330	.431
1986	Average	46.70	35.30	54.30	53.70	68.60	11.77	.360	.450	.504

*Price is calculated for a Dec.-Nov. marketing year.

Prices Received for Vegetable Crops, California

Year and Month		Broccoli per cwt.	Canta-loupe per cwt.	Carrots per cwt.	Cauli-flower per cwt.	Celery per cwt.	Honeydew Melons per cwt.	Lettuce per cwt.	Straw-berries per cwt.	Market Tomatoes per cwt.
						Dollars				
1988	January	35.10	---	16.96	32.90	17.70	---	32.90	---	---
	February	15.60	---	12.32	20.10	12.30	---	9.00	74.30	---
	March	31.10	---	10.20	50.00	7.10	---	15.50	64.30	---
	April	14.40	---	9.79	24.30	10.10	---	6.70	42.70	---
	May	13.10	27.80	13.33	21.40	12.42	19.00	7.65	50.00	39.70
	June	16.60	16.80	10.23	24.70	8.14	19.20	10.70	43.90	24.08
	July	19.60	7.00	13.60	23.00	9.90	15.40	7.00	50.00	32.50
	August	38.90	5.95	15.10	29.50	14.30	11.50	13.10	55.00	41.30
	September	37.20	4.65	15.40	34.10	14.30	9.20	11.00	60.00	31.60
	October	27.20	5.90	12.80	24.00	10.60	15.20	11.60	70.00	20.00
	November	21.30	7.85	10.30	23.90	12.33	23.80	13.90	160.00	27.70
	December	32.80	---	13.06	39.20	11.06	---	19.10	---	---
1988	Average	23.90	9.00	12.30	27.60	11.10	13.10	12.20	52.00	29.70
1987	Average	21.40	11.50	10.60	28.40	10.80	11.90	15.10	58.00	21.60
1986	Average	21.40	12.40	13.00	28.50	11.70	11.00	11.50	58.30	22.80

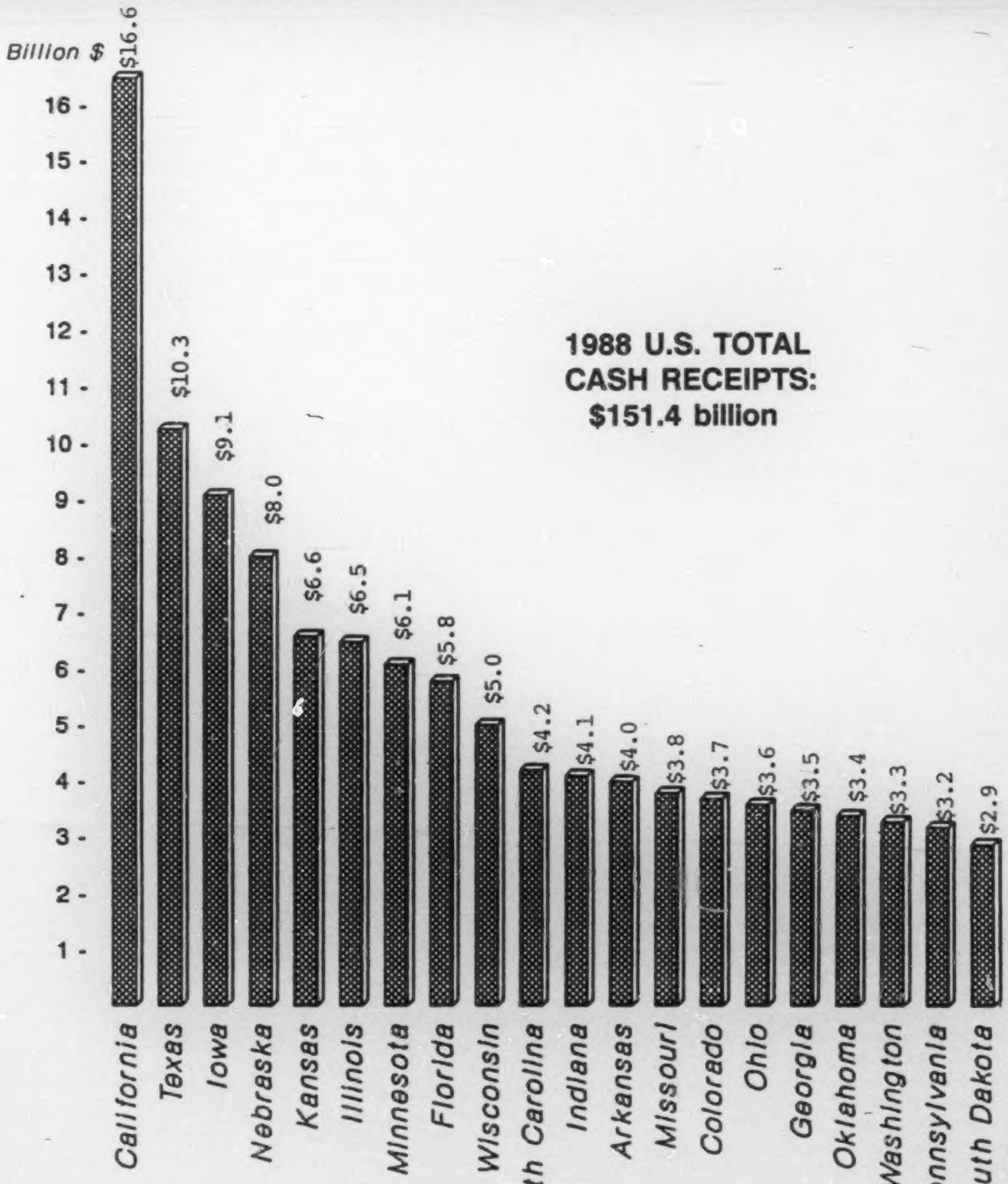
California's Leading Agricultural Counties*
By Total Value of Production---1988

Rank 1988	Rank 1987	County	Value of Production 000 Dollars
1	1	Fresno	2,434,925
2	2	Tulare	1,788,076
3	3	Kern	1,511,570
4	5	Riverside	1,185,799
5	4	Monterey	1,159,024
6	8	Imperial	976,481
7	6	Merced	973,177
8	7	Stanislaus	957,608
9	9	San Joaquin	890,046
10	10	Ventura	785,861
11	11	Kings	634,395
12	12	San Diego	608,219
13	13	San Bernardino	549,649
14	14	Madera	442,761
15	15	Santa Barbara	436,515
16	16	Los Angeles	295,572
17	17	San Luis Obispo	267,285
18	18	Orange	253,577
19	19	Sonoma	246,371
20	21	Butte	234,341
21	20	Sutter	201,346
22	23	Yolo	199,065
23	22	San Mateo	195,284
24	24	Sacramento	194,687
25	25	Glenn	186,471
26	28	Solano	168,240
27	26	Santa Cruz	165,728
28	27	Colusa	162,147
29	30	Siskiyou	143,630
30	29	Santa Clara	142,475
31	31	San Benito	115,407
32	32	Napa	106,002
33	33	Yuba	85,869
34	34	Tehama	83,073
35	37	Modoc	62,058

**Does not include value of timber products.*

SOURCE: California Agricultural Commissioners' Annual Crop Reports.

Top 20 States in 1988 Cash Farm Receipts



1988 U.S. TOTAL CASH RECEIPTS: $151.4 billion

SOURCE: *USDA, Economic Research Service, Economic Indicators of the Farm Sector.*

Number of California's Crops

FRUIT AND NUT CROPS

Deciduous Fruits	16
Nuts	9
Citrus Fruits	11
Subtropical Fruits (Non-Citrus)	14
Grapes	3
Small Fruits (Berries)	8
TOTAL	61

VEGETABLE AND MELON CROPS

Vegetables for Market	83
Vegetables for Seed	30
Melons	9
TOTAL	122

FIELD CROPS

Dry Edible Beans	10
Grains	12
Seeds	27
Hay and Forage	10
Fiber and Sugar	4
TOTAL	63

MISCELLANEOUS CROPS

Oil	11
Rubber	1
Energy	9
Seasoning Condiments	14
TOTAL	35
CROPS SUB-TOTAL	281

NURSERY CROPS*

Flowers, Foliage, Cut Greens, Potted Plants	153
Bulbs, Corms, Rhizomes, Roots, Tubers	8
Flower Seed	1
Propagative Materials	1
Bedding Plants	1
Rose Plants	1
Woody Ornamentals	1
Christmas Trees	1
Herbaceous Perennials	80
Turf Category (Includes Grass & Sod)	1
Nursery Other Than Ornamentals (Vegetable plants, commercial deciduous fruit & nut trees, vines, strawberry plants, etc.)	1
NURSERY SUB-TOTAL	249
TOTAL CALIFORNIA CROPS	530

A more detailed list furnished upon request.

Estimated Value of California's Leading Agricultural Exports---1988 Valued at Port of Exportation

Rank	Commodity Group	Value $1,000	Change From 1987 Percent	Farm Level Exports as % of Value of Production: Percent
1	Cotton Lint	678,075	+ 9	69.9
2	Almonds	587,129	+26	68.1
3	Grapes	385,729	+30	13.5
4	Oranges	157,334	-13	20.9
5	Beef	122,410	+11	2.5
6	Rice	117,168	+63	47.3
7	Walnuts	103,441	-14	33.0
8	Wheat	103,421	+50	50.8
9	Prunes	94,772	+ 8	29.6
10	Lemons	91,980	+22	33.0
11	Alfalfa	88,412	+51	6.4
12	Strawberries	77,817	+23	8.1
13	Dairy	71,692	+129	2.7
14	Vegetable Seeds	61,732	+22	N/A
15	Peaches	53,576	+22	7.7
16	Tomatoes	52,333	+25	9.4
17	Plums	45,660	+15	21.0
18	Lettuce	45,013	+10	7.2
19	Flowers & Nursery	37,292	+15	2.8
20	Grapefruit	36,040	+52	36.7
21	Sweet Cherries	35,826	+49	51.2
22	Safflower	32,468	+104	77.8
23	Melons	31,676	-24	8.6
24	Chickens & Eggs	30,347	+44	5.7
25	Onions	28,998	+2	6.7
	TOTAL ALL COMMODITIES	3,994,724	+20	

1987-88 and 1988-89 Season Rainfall, with Comparisons to Normal

California Stations	1987-88 Precipitation July 1 to June 26 Inches	1987-88 Percent of Normal Percent	1988-89 Precipitation July 1 to June 30 Inches	1988-89 Percent of Normal Percent	Normal Annual Rainfall Inches
NORTH COAST					
Eureka	32.29	84	34.88	91	38.51
Ukiah	30.22	79	30.30	79	38.12
Santa Rosa	16.91	57	20.72	69	29.88
Lakeport	26.63	89	19.25	64	30.04
St. Helena	25.57	73	23.46	67	35.24
CENTRAL COAST					
San Francisco AP	14.34	73	13.77	70	19.71
San Jose	10.78	78	8.27	60	13.86
Livermore	7.24	51	9.81	70	14.11
Salinas AP	6.43	49	7.88	61	13.01
King City	12.48	111	6.16	55	11.25
Paso Robles AP	11.91	95	5.63	45	12.55
SACRAMENTO VALLEY					
Redding	30.22	74	32.93	80	40.95
Willows	15.90	92	10.50	61	17.28
Chico	19.74	76	22.59	87	25.93
Marysville	17.28	84	19.85	97	20.55
Woodland	17.80	99	12.84	72	17.89
Sacramento AP	12.96	76	13.49	79	17.10
SAN JOAQUIN VALLEY					
Stockton AP	10.01	73	7.60	55	13.77
Newman	8.62	80	5.49	51	10.73
Merced	8.55	71	7.35	61	12.05
Fresno AP	8.07	77	8.90	85	10.52
Five Points	6.94	106	4.12	63	6.55
Kettleman Station	7.00	106	4.94	75	6.61
Porterville	8.88	80	8.12	73	11.12
Bakersfield	5.55	97	3.99	70	5.72
SOUTH COAST					
Santa Maria AP	12.39	100	6.71	54	12.35
Santa Barbara AP	10.54	65	4.66	29	16.18
Oxnard	11.07	76	9.35	64	14.53
Los Angeles	11.84	98	8.08	67	12.08
Riverside	8.61	89	4.10	43	9.64
Corona	10.88	94	4.88	42	11.60
San Diego AP	13.18	141	5.65	61	9.32
SOUTHEASTERN INTERIOR					
Bishop	4.38	78	1.96	35	5.61
Lancaster	7.77	105	2.62	36	7.38
Daggett AP	1.13	30	.74	19	3.81
Thermal AP	2.91	103	1.25	44	2.82
Blythe AP	1.76	52	1.68	50	3.37
Imperial	1.09	45	.89	37	2.40
CASCADE-SIERRA					
Tulelake	11.10	102	10.03	93	10.84
Alturas	10.87	87	10.50	84	12.45
Mt. Shasta City	23.04	62	41.85	113	37.05
Blue Canyon AP	43.98	65	62.19	92	67.87
Yosemite Valley	21.56	60	26.79	74	36.06
Huntington Lake	31.71	85	30.57	82	37.44

SOURCE: National Weather Service Office, Sacramento, CA

California Department of Food and Agriculture

Director's Office

Director	Henry Voss
Chief Deputy Director	Vacant
Deputy Director	R. Wm. Tracy
Deputy Director	Bob Fox
Legislative Coordinator	Tracyle Sandin
Legislative Assistant	Janice Strong
Administrative Adviser	Herbert L. Cohen
Equal Employment Officer	Arturo Fernandez
Communications Officer	Jan Wessell
Agricultural Export Program	Marilyn Bonin Chief Executive Officer

Regional Coordinators

North	Joe Bandy
South	John Donahue

Division and Staff Functions

ADMINISTRATIVE SERVICES DIVISION OF	Shamim Khan
Executive Assistant	George Deese
Human Resources Branch Chief	Michael Navarro
Women's Program	Yolanda Nicholls
Electronic Data Processing	Vacant
Training	Ken Klein
Labor Relations	Sis Narramore
Audits	Cal Johnson, Acting
Departmental Services	Warner James
Business Services	Helen Malek
Financial Services Branch Chief	Elaine Berghausen
Accounting Services	Ron Morford
Budget	Steve Muraki
ANIMAL INDUSTRY DIVISION OF	Dr. Patton L. Smith Assistant Director
Animal Health	Dr. L. C. Vanderwagen
Livestock Identification	Del Pedro
Livestock Investigative Unit	Del Fletcher
Meat Inspection	Dr. L. G. Billingsley
Milk and Dairy Foods Control	Richard Tate
FAIRS AND EXPOSITIONS, DIVISION OF	Vacant
Special Assistant	Carol Chesbrough
INSPECTION SERVICES, DIVISION OF	Ezio F. Delfino Assistant Director

DIVISION AND STAFF FUNCTIONS (Continued)

Special Assistant	Vacant
Agricultural Resources	Vashek Cervinka
Chemistry Laboratory Services	William Cusick
Feed, Fertilizer, and Livestock Drugs	Paul Stephany
Fruit and Vegetable Quality Control	
Egg Quality Control	Ardie Ferrill
Processing	John Wiley
Shipping Point Inspection	Robert Wynn
Standardization	Reginald Marcellino
Grain and Commodity Inspection	David E. Edmiston
MARKETING SERVICES, DIVISION OF	Jed A. Adams Assistant Director
Special Assistant	Emil M. Loe
Agricultural Statistics Branch	Jim Tippett
Market Enforcement Branch	George A. Reese
Market News Branch	Art Verissimo
Marketing Branch	Richard E. Gassman
Direct Marketing Program	Lynn Horel
Milk Pooling Branch	Glenn T. Gleason
Milk Stabilization Branch	David Ikari
Agricultural Cooperative Bargaining	Emil M. Loe
MEASUREMENT STANDARDS, DIVISION OF	Darrell Guensler
Special Assistant	Barbara Bloch
PEST MANAGEMENT, ENVIRONMENTAL PROTECTION AND WORKER SAFETY, DIVISION OF	Rex Magee Associate Director
Special Assistant	James Wells
Environmental Monitoring and Pest Management	Ronald Oshima
Information Services	Richard Knoll
Pesticide Enforcement	Doug Okumura
Pesticide Registration	Tobi Jones
Worker Health and Safety	Robert Krieger
Medical Toxicology	Larry Nelson
PLANT INDUSTRY, DIVISION OF	Isi A. Siddiqui Assistant Director
Analysis and Identification	Bob Roberson
Control and Eradication	Len Foote
Pest Detection/Emergency Projects	Don Henry
Pest Exclusion	Bill Callison

State Board of Food and Agriculture

Member and County

Richard Peters, President	Fresno
Kenneth R. Farrell	Alameda
Willaim Borror	Tehama
Cherry Ishimatsu	Riverside
Sig Christierson	Monterey
Richard Keehn	Mendocino
Donald Daley, Jr.	San Diego
Concepcion Minsky	Los Angeles
George De Medeiros	Tulare
Robert Moore	Los Angeles
Thomas DiMare	Stanislaus
Charles Smallwood	Fresno
Dorothy Ann Harper	Santa Clara
Louise Willey	Imperial
Jacqueline Heather	Orange

Tracyle Sandin, Executive Officer
Sacramento

California County Agricultural Commissioners

ALAMEDA	Michael A. Greene	224 W. Winton Ave., Rm. 184, Hayward 94544	415-670-5232
AMADOR	David A. Thompson, Jr.	Amador Co. Airport Bldg., Sutter Hill, 108 Court St., Jackson 95642	209-223-6481 223-6487
BUTTE	Richard Price	316 Nelson Ave., P.O. Box 1229, Oroville 95965	916-538-7381
CALAVERAS	Jearl Howard	County Govt. Center, El Dorado Rd., San Andreas 95249	209-754-6504
COLUSA	Harry Krug	100 Sunrise Blvd., Suite F, P.O. Box 1029, Colusa 95932	916-458-5867
CONTRA COSTA	John H. de Fremery	161 John Glenn Dr., Buchanan Airport, Concord 94520	415-646-5250
DEL NORTE	Donald W. Bush	2650 Washington Blvd., Crescent City 95531	707-464-7231 464-7235
EL DORADO	Edio P. Delfino	311 Fair Lane, Placerville 95667	916-621-5520
FRESNO	Cosmo C. Insalaco	1730 S. Maple Ave., Fresno 93702	209-488-3510
GLENN	Ed Romano	720 N. Colusa St., P.O. Box 351, Willows 95988	916-934-4651
HUMBOLDT	John Falkenstrom	5630 S. Broadway, Eureka 95501	707-445-7223
IMPERIAL	Stephen L. Birdsall	150 S. 9th St., El Centro 92243-2801	619-339-4314
INYO	Donald R. Muse	County Services Bldg., 207 W. South St., Bishop 93514-3492	619-873-7860
KERN	Robert A. Edwards	1001 So. Mt. Vernon Ave., Bakersfield 93307	805-861-2306
KINGS	M. Hugh Handley	680 Campus Dr., Suite B Hanford 93230	209-582-3211 Ext. 2830
LAKE	Mark Lockhart	883 Lakeport Blvd., Lakeport 95453	707-263-2271
LASSEN	Kenneth R. Smith	175 Russell Ave., Susanville 96130	916-257-8311 Ext. 110
LOS ANGELES	E. Leon Spaugy	3400 La Madera Ave., El Monte 91732	818-575-5451 575-5471
MADERA	Donald O. Cripe	332 Madera Ave., Madera 93637-5499	209-675-7876
MARIN	William Blackwell	1450 Lucas Valley Rd., San Rafael 94903 MAIL: Marin County Civic Center, San Rafael 94903-4177	415-499-6349
MARIPOSA	Donald O. Cripe	P.O. Box 905, Mariposa 95338-0905	209-966-2075
MENDOCINO	Dave Bengston	579 Low Gap Rd., Court House, Ukiah 95482	707-463-4208
MERCED	Mike J. Tanner	2139 W. Wardrobe Ave., Merced 95340-6495	209-385-7431
MODOC	Clinton (Bud) Greenbank	202 W. 4th St., Alturas 96101	916-233-3939 Ext. 401/402
MONO	Donald R. Muse	County Services Bldg., 207 W. South St., Bishop 93514-3492	619-873-5891
MONTEREY	Richard W. Nutter	120 Wilgart Way, Salinas 93901	408-758-3876
NAPA	Stephen Bardessono	1436 Polk St., Napa 94559-2596	707-253-4357
NEVADA	John Taylor	Veterans Memorial Bldg., 255 S. Auburn St., Grass Valley 95945	916-273-1049
ORANGE	James D. Harnett	1010 S. Harbor Blvd., Anaheim 92805	714-447-7100
PLACER	John H. Wilson	11477 E. Ave., Auburn 95603-2799	916-823-4371
PLUMAS	Frederick H. Surber	208 Fairgrounds Rd., Quincy 95971	916-283-1155
RIVERSIDE	James O. Wallace	4080 Lemon St., Rm. 19, Riverside 92501	714-787-2561
SACRAMENTO	Leland Brown	4137 Branch Center Rd., Sacramento 95827	916-366-2003
SAN BENITO	Mark Tognazzini	3220 Southside Rd., P.O. Box 699, Hollister 95023	408-637-5344
SAN BERNARDINO	Edouard P. Layaye	777 E. Rialto Ave., San Bernardino 92415-0720	714-387-2115
SAN DIEGO	Kathleen Thuner	5555 Overland Ave., Bldg. 3, San Diego 92123	619-694-2741 694-2739
SAN FRANCISCO	G. Evan Weeth	501 Army St., Suite 109-A, San Francisco 94124	415-285-5010
SAN JOAQUIN	Erwin B. Eby	1868 E. Hazelton Ave., P.O. Box 1809, Stockton 95201	209-468-3300
SAN LUIS OBISPO	Richard Greek	2156 Sierra Way, Suite A, San Luis Obispo 93401	805-549-5910

California County Agricultural Commissioners

SAN MATEO	George Ginilo	Agr. Bldg., 728 Heller St., P.O. Box 999, Redwood City 94064	415-363-4700
SANTA BARBARA	Ronald Gilman	263 Camino Del Remedio, Santa Barbara 93110	805-681-5600
SANTA CLARA	Greg Van Wassenhove	1553 Berger Dr., Bldg. 1, San Jose 95112	408-299-2172
SANTA CRUZ	Lenord Craft, Jr.	175 Westridge Dr., Watsonville 95076	408-761-4080
SHASTA	Kit Cassady	3179 Bechelli Lane, Suite 210, Redding 96002	916-224-4949
SIERRA	Frederick H. Surber	208 Fairgounds Rd., Quincy 95971	916-283-1155
SISKIYOU	Edmond W. Hale	525 S. Foothill Dr., Yreka 96097	916-842-8025
SOLANO	Susan Cohen	2000 W. Texas St., Fairfield 94533	707-429-6465
SONOMA	Eric Lauritzen	2604 Ventura Ave., Rm. 101, Santa Rosa 95401-2893	707-527-2548
STANISLAUS	Keith L. Mahan	725 County Center Three Ct., Modesto 95355	209-525-4610
SUTTER	Alfred C. Perrin, Jr.	142 Garden Hwy., Yuba City 95991	916-741-7500
TEHAMA	Heidi Walker-Hill	1760 Walnut St., P.O. Box 38, Red Bluff 96080	916-527-4504
TRINITY		Civil Defense Hall, Basement, Box 1466, Weaverville 96093	916-623-1356
TULARE	Clyde R. Churchill	County Civic Center, Visalia 93277	209-733-6391
TUOLUMNE	Gerald A. Benincasa	22365 S. Airport Way, 2 S. Green St., Sonora 95370	209-533-5691
VENTURA	W. Earl McPhail	815 Santa Barbara St., Agr. Bldg., P.O. Box 889, Santa Paula 93060	805-933-3165
YOLO	Ray Perkins	70 Cottonwood St., Woodland 95695	916-666-8140
YUBA	Dempsey (Bernie) Engle	938 14th St., Marysville 95901	916-741-6484

CALIFORNIA AGRICULTURAL STATISTICS SERVICE

UNITED STATES
DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE

STATE OF CALIFORNIA
DEPARTMENT OF FOOD AND AGRICULTURE
AGRICULTURAL STATISTICS BRANCH

P.O. BOX 1258
SACRAMENTO, CA 95812-1258

If you want one or more current released on a one-time basis only, please complete this side of the form. We will mail you the latest release unless you indicate otherwise.

If you wish to be placed on our regular mailing list for upcoming releases, please complete the back side of this form by following the printed instructions.

CHECK HERE	RELEASE NAME	DOMESTIC CHARGE	ENTER AMOUNT
☐	California Agriculture -- Annual Bulletin-1988 (Statistical Review)	$ 4.00	
☐	Exports of California Agricultural Products -- Annual-1988	$ 4.00	
☐	Exports of California Agriculturul Products (Appendix) -- Annual-1988	$ 6.00	
☐	California Agricultural Export Directory -- 1986-87	$8.00 Domestic $10.00 Foreign	
☐	Summary of County Agricultural Commissioners' Reports -- Annual-1987-88	$ 3.00	
☐	Field Crop Statistics -- Annual Bulletin 1984-88	$ 4.00	
☐	Prices Received by California Producers for Farm Commodities-1975-86	$ 4.00	
☐	Fruit and Nut Acreage -- Annual Bulletin 1988	$ 4.00	
☐	Fruit & Nut Statistics -- Annual Bulletin 1979-88	$ 4.00	
☐	Grape Crush Report (Final) -- Annual 1988 Crop	$ 4.00	
☐	Grape Acreage Bulletin -- Annual Bulletin-1988 Crop	$ 4.00	
☐	Grapes, Raisins, and Wine--1980*	$ 4.00	
☐	Walnuts, Raisin, and Prunes (Price Report) -- Annual-1988 Crop	$ 1.00	
☐	Vegetable Crops -- Annual Bulletin-1979-88	$ 4.00	
☐	Livestock Statistics -- Annual Bulletin-1988	$ 4.00	
☐	Eggs, Chickens, and Turkeys -- Annual-1981*	$ 4.00	
☐	Dairy Industry Statistics -- Annual Bulletin-1988	$ 4.00	
☐	Dot Maps (complete set of 50 major commodities) acreage, yield, production and value; top counties-1988	$10.00	
☐	Complete set of County Agricultural Commissioner Report Data, Commodity by County, 250 pages per set for Calendar Years 1980, 1981, 1982, 1983 1984, 1985, 1986, 1987 and 1988 (indicate calendar year(s) desired).	$30.00 per Year	
	TOTAL CHARGE		

* Discontinued series.

Make check or money order payable to: CASS/CDFA

Send this order form with remittance to: California Agricultural Statistics Service
P.O. Box 1258
Sacramento, CA 95812-1258

Company or Firm Name ______________________

Name ______________________

Mailing Address ______________________

City, State, and Zip ______________________

CALIFORNIA AGRICULTURAL STATISTICS SERVICE

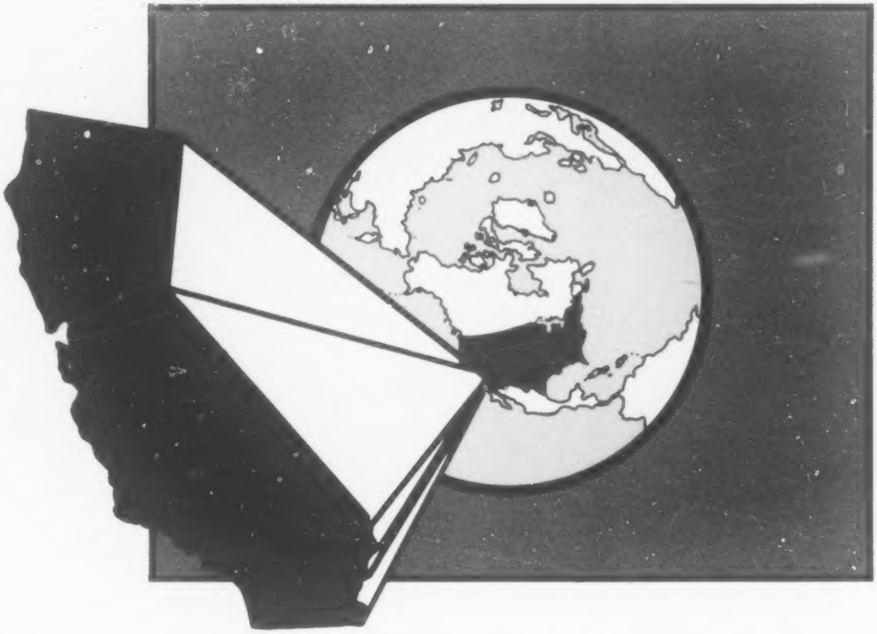
Please use this form to subscribe to the following publications. Check the publications you wish to receive, enter the subscription rate in the space provided and total the cost at the bottom of the column.

CHECK HERE	Report Title and Description	Subscription Rate (First Class Mail)		Enter Amount Enclosed for Each Publication Ordered
		Foreign 1/	Domestic 2/	
☐ 907	**CROP WEATHER REPORT:** Weekly Weather's effect on crops; planting and harvesting information; weekly and accumulated precipitation data and temperatures by station.	$60.00	$20.00	$ ________
☐ 981	**SUMMARY OF CALIFORNIA AGRICULTURE:** (Statistical Review) Annual Bulletin A summary of over 69 crops, their acreage, production, value, ranking, and major producing counties.	$ 8.00	$ 4.00	$ ________
☐ 985	**EXPORTS OF CALIFORNIA AGRICULTURAL PRODUCTS:** Annual Bulletin Estimates of California's agricultural products entering international trade by calendar year.	$ 8.00	$ 4.00	$ ________
☐ 986	**EXPORTS OF CALIFORNIA AGRICULTURAL PRODUCTS:** (Statistical Appendix) Annual Bulletin Destination data by commodity and country -- U.S. and California port totals.	$12.00	$ 6.00	$ ________
☐ 910	**FIELD CROP REVIEW:** Monthly Grain, cotton, hay, sugar beet, etc. acreage, production, value; price, warehouse, and farm labor data.	$20.00	$10.00	$ ________
☐ 996	**FIELD CROP STATISTICS:** Annual Bulletin Data on acreage, yield, and production of most field crops. County breakdown on major crops. Expanded price information.	$ 8.00	$ 4.00	$ ________
☐ 920	**FRUIT AND NUT REVIEW:** Monthly Grape, citrus, deciduous, and nut acreage, production, price and utilization.	$20.00	$10.00	$ ________
☐ 992	**FRUIT & NUT ACREAGE:** Annual Bulletin Acreages of fruit and nut crops by year planted, variety, and county.	$ 8.00	$ 4.00	$ ________
☐ 926	**FRUIT & NUT STATISTICS:** Annual Bulletin Acreage, production,value, utilization of fruit and nut crops with historical data.	$ 8.00	$ 4.00	$ ________
☐ 922	**GRAPE CRUSH REPORT:** February & March Bulletins Tons purchased, crushed, Brix factors, and price per ton by variety, by district, preliminary and final.	$20.00	$ 8.00	$ ________
☐ 923	**GRAPE ACREAGE:** Annual Bulletin Acreages of grapes by year planted, variety, and county; removal data.	$ 8.00	$ 4.00	$ ________
☐ 931	**VEGETABLE REVIEW:** Monthly Processing and fresh market vegetable, potato, berry acreage, production, and value.	$20.00	$10.00	$ ________
☐ 994	**VEGETABLE CROPS:** Annual Bulletin Historic and area information on above-mentioned crops.	$ 8.00	$ 4.00	$ ________
☐ 940	**LIVESTOCK REVIEW:** Monthly Livestock inventories, intentions, and values; pasture, slaughter, and on-feed data for cattle and sheep.	$20.00	$10.00	$ ________
☐ 993	**LIVESTOCK STATISTICS:** Annual Bulletin Historic and detailed data on above-mentioned categories.	$ 8.00	$ 4.00	$ ________
☐ 943	**DAIRY INFORMATION BULLETIN:** Monthly Production, utilization, and prices of milk and dairy products.	$20.00	$10.00	$ ________
☐ 990	**DAIRY INDUSTRY STATISTICS:** Annual Bulletin Historic and detailed data on above-mentioned categories.	$ 8.00	$ 4.00	$ ________
☐ 960	**POULTRY REPORT:** Monthly Chicken and turkey settings, hatchings, eggs produced, inventory, value, and cold storage.	$20.00	$10.00	$ ________
	TOTAL SUBSCRIPTION FEES			$ ________

1/ Foreign mailing is via air mail. All checks must be drawn on a U.S. bank. 2/ Mexico rate is the same as domestic rate.

- S0850-1.2-U

California Agricultural Exports



Annual Bulletin
1988

California Agricultural Exports

STATE OF CALIFORNIA

George Deukmejian
Governor

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

Henry J. Voss
Director

Jed A. Adams
Assistant Director
Division of Marketing Services

Jim Tippett
Chief
Agricultural Statistics Branch

Project Coordinator
Ray Borton
Senior Agricultural Economist
Agricultural Statistics Branch

With the Assistance of
Frank Limacher
Assistant Agricultural Economist
Agricultural Statistics Branch

Sacramento, California
1989

Calendar Year 1988
Annual Bulletin Contents

PAGE

CHARTS: California's Agricultural Exports, 1980-88 1

California's Agricultural Export Markets Value Basis, Calendar Year 1988 1

Highlights of California's Agricultural Exports 2

Information Sources 2

List of Abbreviations 2

Estimated Value of California's Leading Exports, Valued at Port of Exportation, Calendar Years 1987 and 1988 with Percentage Change (Table 1) 3

California's Agricultural Export Profile, 1988 4

California's Agricultural Export Profile, 1988 (Table 2) 5-6

Comparison of California's Agricultural Production with Estimated Exports (Table 3) 7-9

Changes in Value of California's Exported Commodities, 1981-88 10

California's Share of the Nation's Agricultural Exports 10

Changes in Value of California's Exported Commodities, 1981-88 (Table 4) 11

California's Principal Agricultural Exports Compared to U.S. Total 1988 (Table 5) 12-19

Data Guidelines, Data Not Included 20

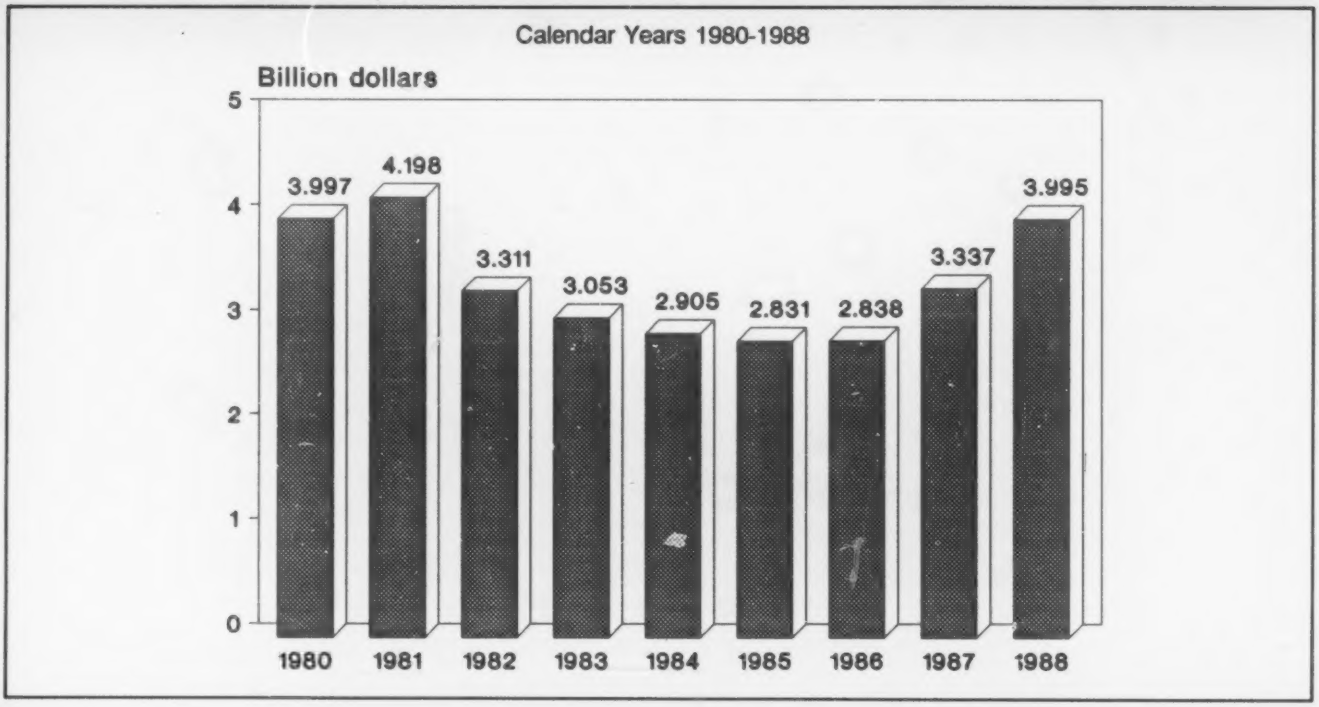
California Agricultural Export Market Development Program 20

California Statistical Publications Order Forms 21-22

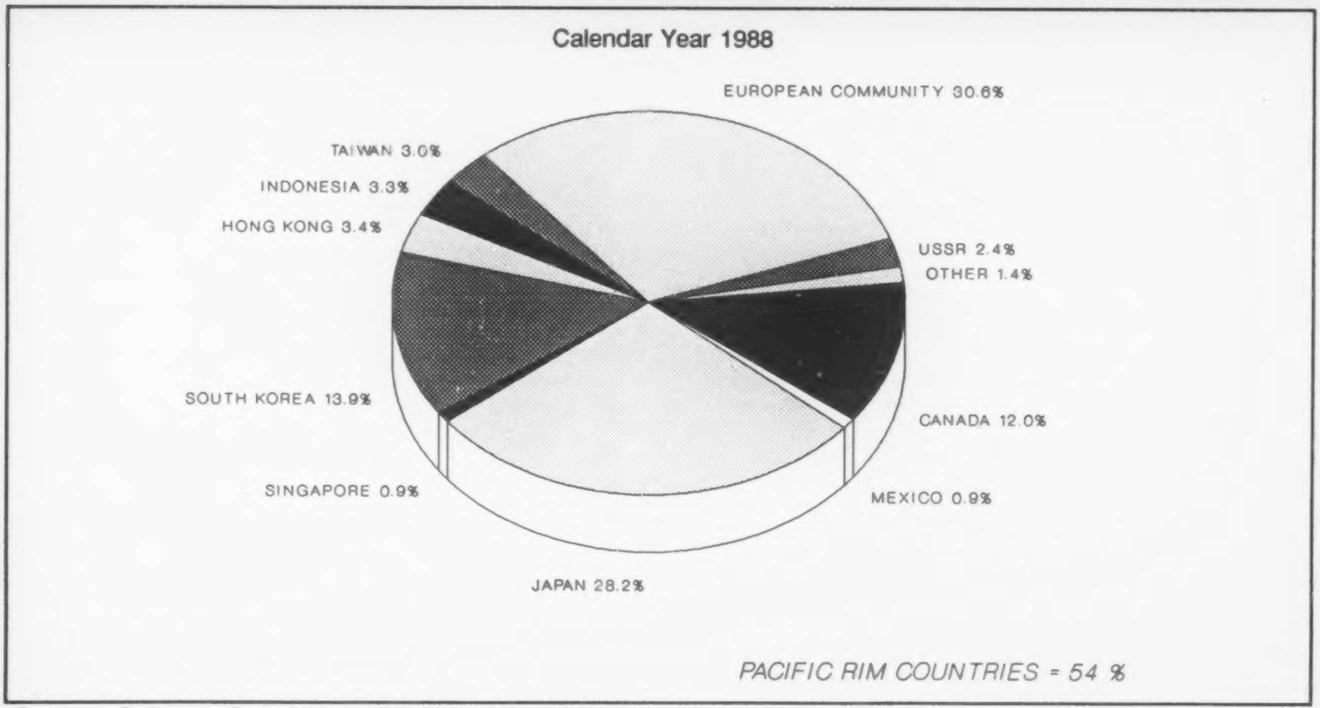
This 1988 estimate of California's agricultural exports is being published in two sections which are available separately:

- The **Annual Bulletin** contains tables of California's international trade by commodity.
- The **Statistical Appendix** contains tables of commodity shipments by country of destination and tables showing all agricultural commodites shipped to selected countries.

California Agricultural Exports



California's Agricultural Export Markets, Value Basis



Source: California Department of Food and Agriculture

Table 1 Highlights

Highlights of California's Agricultural Exports Calendar Year 1988

- Exports of California's agricultural products in 1988 rose to $3.996 billion, exceeding 1987 by 20%. This continues the gains made between 1986-1987 when the total rose 18%. It equals the 1980 levels and is second only to the record high level achieved in 1981 of $4.198 billion.

- Increases in exports were recorded for nearly all of California's agricultural commodities. Among the major products selling over $100 million abroad, only oranges and walnuts showed decreases. Kiwifruit, melons and avocados also declined while all the remaining products in the 32 leading agricultural exports exceeded their 1987 levels.

- Cotton remained California's number one agricultural export, with a 9% gain over 1987. Almonds lead among the food exports and with a 26% increase ($122 million) are closing the gap between the two export commodity leaders.

- Grapes are also showing excellent gains (30%) and this includes increases in raisins, wine and fresh grapes. Each grape product shows the results of increased promotion abroad together with a devalued dollar and increasing incomes in many countries.

- Rice and wheat both regained some of their previous prominence among California's agricultural exports. Sales of these grains abroad depend on federal government involvement both in subsidizing exports and donating in kind to development programs under public law 480 and other programs. These, along with dried milk have also shown increases due to purchases by third countries (i.e., Japan) for donation to needy nations (e.g., Bangladesh) under foreign aid programs. Safflower exports doubled, as a result of reduced Upper Plains production, caused by the drought.

- Sweet cherries reflect the results of the early season sales to Japan, through the 12 day "window" now allowed by the Japanese government. All cherries must be inspected by Japanese government inspectors and fumigated under surveillance to qualify for quick entry into a short but lucrative market.

Information Sources

The following is a list of major sources used in this report.

U.S. Department of Commerce, Bureau of the Census, Foreign Trade Division data series EA622, U.S. Exports, Schedule B Schedule by Schedule B Number by Unit Control by Country of Destination by Customs District of Exportation by Economic Class and Method of Transportation, available on magnetic computer tape.

U.S. Department of Agriculture, **Agricultural Statistics, 1988.**

U.S. Department of Agriculture, Economic Research Service, **Foreign Agricultural Trade of the United States, 1988.**

Agriculture Canada. **Annual Unload Report – Fresh Fruits and Vegetables on 12 Canadian Markets.**

U.S. Department of Agriculture publications: **Foreign Agriculture, Foreign Agriculture Circulars, Outlook for U.S. Agricultural exports, Agricultural Outlook,** and periodic releases of the Agricultural Statistics Board.

Federal/State Market News Service Publications. Frequent market reports sometimes include exported commodities.

Marketings Organizations and Individuals. Many people supplied opinions and information about the commodities with which they are professionally involved. We wish to thank all who contributed their expertise.

Farm values and quantities used to compare exports to the total crop were taken from existing publications of the California Agricultural Statistics Service and the U.S. Department of Agriculture's National Agricultural Statistics Service published material. Conversion of commodities from export form to farm production units was done using **Statistical Bulletin No. 616, Conversion Factors and Weights and Measures for Agricultural Commodities and Their Products.** Table 5 comparisons between California and U.S. total exports are done solely on export values.

The final estimates of California's agricultural exports in this bulletin were made using the port data, information from the Canadian government on unloads of fresh fruits and vegetables, and by contacting representatives of commodity groups, exporters, and handlers to obtain their opinions. Each commodity was treated separately and the estimate was made on the best available information. It should be emphasized that these are estimates since exact data are not available.

Table 1

Estimated Value of California's Leading Agricultural Exports Valued at Port of Exportation, Calendar Years 1987 and 1988 with Percentage Change

Commodity	Commodity Ranking		Value		Value Change	
	1988	1987	1988	1987	1987-88	1986-87
			1,000 Dollars		Percent	
Cotton Lint	1	1	678,075	619,960	+ 9	+ 43
Almonds	2	2	587,129	464,888	+ 26	+ 11
Grapes	3	3	385,729	295,817	+ 30	+ 20
Oranges	4	4	157,334	181,069	- 13	- 8
Beef	5	6	122,410	110,084	+ 11	+ 9
Rice	6	9	117,168	71,852	+ 63	+ 31
Walnuts	7	5	103,441	120,489	- 14	+ 27
Wheat	8	10	103,421	69,007	+ 50	+183
Prunes	9	7	94,772	87,913	+ 8	+ 21
Lemons	10	8	91,980	75,489	+ 22	- 4
Alfalfa	11	12	88,412	58,547	+ 51	- 29
Strawberries	12	11	77,817	63,261	+ 23	+ 14
Dairy	13	20	71,692	31,294	+129	+ 29
Vegetable Seeds ...	14	13	61,732	50,676	+ 22	+ 7
Peaches	15	14	53,576	44,009	+ 22	- 4
Tomatoes	16	15	52,333	41,824	+ 25	+ 16
Plums	17	18	45,660	39,543	+ 15	+ 66
Lettuce	18	17	45,013	40,878	+ 10	+ 15
Flowers & Nursery .	19	19	37,292	32,459	+ 15	+ 12
Grapefruit	20	24	36,040	23,648	+ 52	- 20
Sweet Cherries	21	23	35,826	24,071	+ 49	N/A
Safflower	22	31	32,467	15,888	+104	- 15
Melons	23	16	31,676	41,446	- 24	N/A
Chickens & Eggs ...	24	28	30,347	21,090	+ 44	+ 1
Onions	25	21	28,998	28,405	+ 2	0
Asparagus	26	30	28,360	17,590	+ 61	+ 13
Dry Beans	27	22	27,464	25,962	+ 6	- 2
Cottonseed	28	35	19,907	12,437	+ 60	+ 81
Broccoli	29	27	26,855	21,196	+ 27	- 9
Celery	30	29	22,388	20,018	+ 12	- 9
Avocados	31	25	21,551	23,495	- 8	+ 67
Kiwifruit	32	26	17,581	21,649	- 19	+ 46
Remaining Estimated Commodities (See Table 5)			132,485	117,744		
All Other Commodities (See Table 8)			527,693	423,146		
TOTAL			3,934,724	3,336,844	+ 20	+ 18

Table 2 Highlights

California's Agricultural Export Profile, 1988

Emphasizes the importance of international trade to California's ranchers and growers

- The percentage of each commodity going into international trade emphasizes the importance of exports to California's ranchers and growers.
- Both cotton and almonds reached nearly 70% being exported: Markets abroad dominate the marketing of these leading California products. The amount exported in a given year changes due to many external factors such as exchange rates, competition, weather, and government export policies.
- Sweet cherries joined the commodities with over half being exported. The expanded window in the Japanese early season market plus good sales to Canada make exports increasingly important and have provided increased returns per pound on the domestic market as well.
- When California's agricultural exports are compared to the U.S. total for each commodity, California accounts for 90% or more of U.S. exports of 17 different commodities.
- California continues to lead the nation in agricultural exports as well as in total agricultural production. California accounts for about 11% of the nation's agricultural production, and the proportion of U.S. agricultural exports originating in California was similar (10.8%) in 1988.
- The Golden State's portion of the national agricultural export total dropped nine-tenths of one percent in 1988. Although the 20% increase in California's exports was substantial, it did not keep up with the national increase of more than 29%. The U.S. increase in export value was partially due to a 30% increase in world grain prices and a doubling of wheat purchases by the USSR.
- The 20% increase in export value was achieved while increasing the acreage used to produce exports by 15%. Higher prices of some products were responsible for the remainder of the total value increase.

California's Leading Exports

Cotton Exports of cotton increased 9 percent in value between 1987 and 1988. World demand for California's high quality longer staple fiber has continued. In addition, the export assistance from both the federal and state governments has helped California cotton to successfully compete in the world market.

Almonds An increase of 26% in the value of exported almonds places this California specialty crop well in the lead of food crop exports. Continued promotion and new product development have helped this product to attain a new record for exported value. A large sale to the U.S.S. R. ($47 million) was a big boost for the total.

Grapes The 30% increase in grape exports reflects strong gains in wine exports (+40%) and fresh grapes (+37%) along with a very respectable 20% gain in raisin export value. Each has benefitted from the lower dollar value that makes it possible to compete with other producing areas, and each has received assistance from both the State and Federal export promotion programs.

Oranges Increasing competition has reduced California export orange sales (-2%) although they remain a leading California export product. With the fruit size averaging somewhat smaller than usual there was a problem of filling demand for the larger fruits that sell well abroad for snacks, treats, and on the street.

Beef An 11% gain in beef exports shows the effects of continual pressure to reduce quotas. Gains in sales of beef products including variety meats, hides, and edible tallow. Meeting the Japanese demand for especially high quality has led to exports of live animals (Angus heifers), fattened to a high finish (1,400 pounds) and flown to Japan.

LIST OF ABBREVIATIONS

Bu.	Bushel	Gal.	Gallon	Pc.	Piece
Cond.	Condensed	Incl.	Including	Rba.	Running Bales 480 Lbs. Net
Cwt.	Hundredweight 100 Lbs.	Lb.	Pound	Spec.	Specified
Doz.	Dozen	Lbs.	Pounds	S/S	Single Strength Gallon
EEC.	European Economic Community	N/A	Not Available	S/Ton	Short Ton 2,000 Lbs.
Etc.	And So Forth	NEC	Not Elsewhere Classified	Stn.	Short Ton 2,000 Lbs.
Evap.	Evaporated			W/Gal.	Wine Gallon
Ex.	Except	No.	Number	W/O	Without
Excl.	Excluding	N.S.P.F.	Not Specifically Provided For		

Table 2

California's Agricultural Export Profile, 1988

Commodity	Farm Value of Exports Compared to Total Production Value	CA Export Value Compared to U.S. Export Value at Port of Embarcation	Acres Needed to Produce California Exports (Average Yields)
	Percentage		Acres
FIELD CROPS			
Alfalfa Seed	24.8	49.4	14,565
Alfalfa Hay	6.3	62.6	70,758
Barley	1.0	0.3	2,926
Clover Seed	19.8	100.0	1,569
Cotton Lint	69.9	47.1	774,624
Cottonseed	18.4	18.3	---
Dry Beans	31.7	55.1	47,989
Rice	47.3	21.3	188,700
Safflower	80.3	91.0	81,739
Wheat	50.8	2.0	230,040
FRUITS AND NUTS			
Almonds	68.1	100.0	264,474
Apricots	12.2	97.7	2,601
Avocados	10.4	*	6,975
Dates	22.5	100.0	1,024
Figs	7.3	100.0	1,369
Grapes			
Fresh	21.1	95.7	19,351
Raisins	25.9	100.0	52,512
Crushed and Canned	4.3	79.8	18,565
Grapefruit	36.7	15.0	5,944
Kiwifruit	49.7	100.0	2,915
Lemons	36.2	91.2	9,905
Olives	2.6	100.0	888
Oranges	20.9	86.0	27,187
Peaches			
Freestone	11.0	*	3,726
Clingstone	3.4	100.0	1,101
Pears	9.7	46.1	1,852
Pistachios	23.1	100.0	6,184
Plums	21.0	96.8	8,333
Prunes	29.6	100.0	31,863
Sweet Cherries	51.2	63.0	5,278
Tangerines	16.6	58.0	1,059
Walnuts	33.0	100.0	71,304

Table 2 (Cont'd)

California's Agricultural Export Profile, 1988

Commodity	Farm Value of Exports Compared to Total Production Value	CA Export Value Compared to U.S. Export Value at Port of Embarcation	Acres Needed to Produce California Exports (Average Yields)
	Percentage		Acres
VEGETABLE CROPS			
Asparagus	18.0	77.2	7,345
Broccoli	10.7	96.4	10,860
Carrots	6.1	66.2	2,870
Cauliflower	12.5	93.3	5,810
Celery	10.1	86.7	2,254
Garlic	17.7	91.8	524
Lettuce	7.2	73.1	11,000
Melons	8.6	*	9,994
Onions	6.7	46.3	2,385
Peppers, Bell	3.9	25.9	664
Potatoes	4.4	39.0	2,304
Strawberries	8.1	87.9	1,367
Tomatoes			
Fresh	12.4	29.8	2,962
Processing	2.2	88.4	2,693
NURSERY PRODUCTS			
Flowers and Plants	2.8	40.2	N/A
Vegetable Seeds	N/A	42.2	5,752
LIVESTOCK AND POULTRY			
Beef Cattle and Products	3.1	3.3	---
Dairy Products	2.7	15.6	---
Sheep	4.4	13.5	---
Chickens and Eggs	5.7	5.2	---
Turkeys	1.6	20.4	---
TOTAL, ALL CATEGORIES	---	10.8	2,026,104

* *Not calculated, see Table 5.*

Table 3 Highlights

Comparison of California's Agricultural Production with Estimated Exports

The farmgate value of exports is shown in Table 2 and is compared to total State production as estimated by California Agricultural Statistics Service or the Summary of California County Agricultural Commissioners' Reports. This comparison is made using quantities exported based on State average prices and varies significantly from the value declared at the port of embarcation used in Table 1. In some products, the high quality selection process and special packing required for overseas markets augments the value considerably.

A comparison of California to U.S. exports is computed on the same basis: valuing exported quantities at National average farmgate prices.

Calendar year export data do not coincide with the varying harvest periods and marketing years of California's diverse production. In noted cases, the comparison of exports to production is made with the previous calendar year's crop since considerable delay is encountered in shipping products harvested late in the year.

FRUIT AND NUT CROPS

Almonds' dominance of the fruit and nut exports expanded in 1988: the farm value of exported almonds is four times the farm value of oranges, the second highest value in the fruit and nut export list.

Oranges decreased in export value but farm value increased, showing the effect of changes in production and an increased grower price for fresh market Navel oranges.

Raisins showed a 17% increase in export volume, but the grower return was lower than 1987 due to lower average prices of raisin-variety grapes at the farm level.

Wine exports increased in both volume and value. The $80 million in value at the port shows a 38% increase in sales abroad. The results of years of promotion and a lower dollar value are combining to increase sales.

After a fast rise in prune exports in 1987, the 1988 increase of 8% was moderate. The market remains good, especially in Europe.

Sweet cherries exports increased by nearly 50% between 1987 and 1988. The ability of the industry to mobilize large shipments to Japan within the 12 day window period is remarkable since fumigation inspection by Japanese officials and air shipment are required. Exports to Canada have also increased.

FIELD CROPS

Although the gain in cotton lint exports was a modest 9% when comparing 1987 and 1988, the total value increase of $58 million is equal to the 15th ranked export product - peaches.

Wheat and rice registered 50% and 63% gains, respectively, in 1988 when compared to 1987. These increases place these crops back into the top ten from which they had slipped.

Wheat sales abroad include Durum wheat that is used in pasta. Both wheat and rice have benefitted from federal programs that make our export prices competitive with other world market suppliers.

Alfalfa hay exports regained the losses recorded in 1987. The export regional classification of "hay and straw" includes other hay, and the export of Sudan grass hay to Japan has now become part of the alfalfa estimate. Japanese dairy farmers buy hay for its fiber content and find Sudan grass provides what they want at less cost. Double compressed bales are now the main form of shipping, rather than cubes or meal.

Rice sales have increased and include Japanese government purchases for foreign aid to less developed countries.

VEGETABLES, FLOWERS AND BERRIES

The volume of asparagus exported gained 41%, after a 30% increase in 1987. A near doubling of shipments to Japan sparked this spectacular gain.

Broccoli exports also increased with a 24% gain. Shipments to Canada predominate but the sales to Japan of $1.3 million in 1988 where only $18,000 worth was shipped from California ports in 1987 made up a large part of the fast gain.

Lettuce is still the leading vegetable export with 7.2% of the California crop going abroad, largely to Canada. Hong Kong has emerged as a major market with $6.5 million worth of lettuce being shipped there from California in 1988.

Strawberries have risen in the ranks of exports to 12th place in the list. Shipments to Japan have expanded with the ability to meet the stringent fumigation and inspection requirements enforced by Japan.

Fresh tomatoes held their export market with a 2% gain in production exported. Processed tomato exports increased 44%, as a result of increased worldwide demand, especially for high-quality tomato products.

LIVESTOCK AND POULTRY

The valuations assigned to dairy products donated to foreign nutrition programs from U.S. Government stockpiles do not reflect their market value. The Philippines received large quantities of donated non-fat dry milk in 1988, and Mexico purchased large amounts. These sales led to a large percentage increase over the previous year but it does not reflect a steady market.

Beef exports were enhanced by 11% and included marked advances in sales of breeding stock and tallow as well as in fresh and frozen cuts of beef.

Chicken and poultry products exports gained almost 44% over 1987 with advances being most pronounced in the sales of eggs and egg products.

Turkey exports also increased, with 20% more being sold abroad in 1988 than 1987.

Table 3

California's Principal Crop and Livestock Commodities Estimated Farm Value of Production and Comparable Farm Value of Exports with Comparison to U.S. Total, 1988

Commodity	Unit	California Total Quantity		California Farm Value		Exported Share of Production (Farmgate Value)	
		Production	Exports	Production	Exports	California	U.S.
		000 Units		000 Dollars		Percent	
FIELD CROPS							
Alfalfa Seed	Lbs.	35,586	8,812	42,703	10,575	24.8	N/A
Alfalfa Hay	S/Tons	7,480	456	646,140	62,717	6.3	1.1
Barley	Bu.	17,079	178	46,114	481	1.0	34.0
Clover Seed	Lbs.	3,310	654	4,465	1,003	19.8	N/A
Cotton Lint a/	Rba.	2,827	1,913	862,537	603,191	69.9	35.4
Cottonseed b/	S/Tons	1,116	210	132,269	26,142	19.8	19.8
Dry Beans	Cwt.	2,894	918	105,631	33,496	31.7	9.4
Rice	Cwt.	27,935	13,209	187,723	88,762	47.3	42.8
Safflower b/	S/Tons	122	94	26,577	20,681	80.3	76.9
Wheat b/	Bu.	19,385	43,787	164,867	103,421	42.1	86.7
FRUITS AND NUTS							
Almonds b/	S/Tons	310	201	555,602	401,787	68.1	68.1
Apricots	S/Tons	100	11.5	29,613	3,613	12.2	10.6
Avocados	S/Tons	178	16.6	160,000	16,592	10.4	10.9
Dates a/	S/Tons	19	4.3	15,889	3,580	22.5	22.5
Figs	S/Tons	45	3.6	15,313	1,117	7.3	7.3
Grapes: All Fresh	S/Tons	700	161	303,336	63,931	21.1	20.3
All Raisins a/	S/Tons	2,410	439	286,793	74,263	25.9	25.9
All Processed a/	S/Tons	2,130	119	627,562	26,797	4.3	3.5
Grapefruit -- 64# Boxes	Box	8,900	2,568	55,404	21,799	39.3	28.3
Kiwifruit a/	S/Tons	29	13	18,886	9,382	49.7	49.7
Lemons -- 76# Boxes	Box	17,000	3,788	171,436	62,122	36.2	34.0
Olives a/	S/Tons	88	1.9	42,192	1,099	2.6	2.6
Oranges -- 75# Boxes	S/Tons	58,800	9,298	458,640	96,051	20.9	6.5
Peaches: Freestone c/	S/Tons	360	39.5	142,560	15,661	11.0	8.6
Clingstone	S/Tons	574	19.7	112,221	3,862	3.4	8.7
Pears	S/Tons	303	25	75,272	7,302	9.7	9.1
Pistachios a/	S/Tons	15	6.4	79,510	18,405	23.1	23.1
Plums	S/Tons	216	45	102,600	21,528	21.0	22.0
Prunes	S/Tons	155	65	150,540	44,614	29.6	29.6
Sweet Cherries	S/Tons	26	13.3	20,040	11,641	51.2	18.7
Tangerines -- 75# Boxes	Box	2,090	270	32,297	5,570	16.6	20.7
Walnuts a/	S/Tons	247	82	243,048	80,267	33.0	33.0
VEGETABLE CROPS							
Asparagus	Cwt.	1,163	213	83,431	14,977	18.0	10.2
Broccoli	Cwt.	9,700	1,010	222,457	23,831	10.7	10.1
Carrots	Cwt.	13,498	841	163,108	9,926	6.1	4.3
Cauliflower	Cwt.	5,135	610	135,703	16,387	12.1	9.7
Celery	Cwt.	11,873	1,199	131,291	13,261	10.1	10.0
Garlic	Cwt.	2,685	474	49,831	8,799	17.7	N/A
Lettuce	Cwt.	43,719	3,135	537,744	38,557	7.2	7.1
Melons	Cwt.	21,381	1,631	200,749	17,213	8.6	N/A
Onions	Cwt.	13,661	930	86,569	9,029	6.7	10.8

Table 3

California's Principal Crop and Livestock Commodities Estimated Farm Value of Production and Comparable Farm Value of Exports with Comparison to U.S. Total, 1988

Commodity	Unit	California Total Quantity		California Farm Value		Exported Share of Production (Farmgate Value)	
		Production	Exports	Production	Exports	California	U.S.
		000 Units		000 Dollars		Percent	
Peppers, Bell	Cwt.	4,435	170	74,475	2,899	3.9	N/A
Potatoes	Cwt.	16,765	817	159,649	7,071	4.4	0.5
Strawberries	Cwt.	8,624	670	388,998	31,557	8.1	7.1
Tomatoes: Fresh	Cwt.	7,522	702	171,360	21,282	12.4	11.9
Processed b/	S/Tons	6,547	144	384,526	8,490	2.2	2.2
NURSERY PRODUCTS							
Flowers and Plants		N/A	N/A	1,338,243	37,292	2.8	N/A
LIVESTOCK AND POULTRY							
Beef: Cattle and Calves		---	---	1,613,819	49,502	3.1	3.7
Dairy Products		---	---	2,087,332	55,604	2.7	2.4
Sheep		---	---	66,547	2,931	4.4	4.5
Chickens		---	---	640,876	36,246	5.7	3.5
Turkeys		---	---	200,340	3,257	1.6	1.3

a/ 1988 exports compared to 1987 crop due to lag in time of sale after harvest.
b/ Compared to an average of the 1987 and 1988 crops.
c/ Includes nectarines due to joint classification number assigned at port of export.
N/A Not Available.

Table 4 Highlights

Changes in Value of California Exported Commodities

1981-88

- The 1988 total value of California's agricultural exports rose to the 1980 level, exceeding every year except 1981. This continues an upward trend begun in 1987.

- Cotton continues to show increases, after plummeting in 1986. It has not yet returned to the 1980-83 high levels of exports.

- Almonds set an all time record level of exports. The product promotion and development begun 20 years ago is continuing to show results in expanding sales.

- Other products setting new record levels of exports include: grapes, beef cattle and products, prunes, strawberries, alfalfa, tomatoes, lettuce, plums, flowers and plants, dairy cattle and products, sweet cherries, grapefruit, and safflower.

- Sales of all grape products increased including fresh, raisins and processed. Wine sales expanded again, benefitting from promotion and the low dollar valuation.

- Although walnuts declined 14%, they still remained over $100 million, a record only exceeded by 1987's phenomenal sales.

- Wheat and rice both revived again from the disastrous 1986 low. Neither has increased to much more than 1/3 of the levels achieved in 1981.

- Strawberries continue to set records each year since 1982 and are now six times the 1981 low. Japan and Canada account for most of the export market for strawberries.

- Flowers and plants continue on their slow but constant enlargement of their overseas markets.

- Safflower exports showed a gain of 104% over 1987. This is a return to previous levels after low sales levels in 1986 and 1987.

Table 5 Highlights

California's Share of the Nation's Agricultural Exports

- California's estimated agricultural exports for calendar year 1988 are presented in Table 5 on an individual item basis. U.S. total exports of each item are also shown, and the share of the Nation's exports produced in California is calculated using this data.

- California's share of the Nation's exports was 10.8% in 1988, a slight decrease from the 1987 share of 11.7%. While the U.S. agricultural exports increased 29%, California's agricultural sales abroad gained 20%. Over the past two years the gains recorded by California equaled the U.S. gains over the same period.

- California's share of the estimated fruits and nuts is 84% of the U.S. exports. This does not include all exported products; when the California estimated fruit and nut total is compared to the U.S. overall fruits and nuts total the percentage is still 69%.

- Among California's export crops there are 30 where more than half of the U.S. total originates in California. Those exclusive to California include: almonds, dates, figs, raisins, olives, kiwifruit, pistachios, prunes and walnuts.

- To arrive at the estimates in Table 5, each selected commodity was individually studied. For some that are grown only in California, the National export data are sufficient. For others produced outside California, modifications are made using California port data and information from commodity traders and exporters. Additional information on shipments of fruits and vegetables to Canada was obtained from the Canadian government.

- Only when California grown products are not easily identifiable (hides and skins, tallow, meats and poultry, for example) is the California share of U.S. production used. This system is also used to calculate the "all other" category using factors obtained from the Economic Research Service of the U.S. Department of Agriculture. The factors were calculated for 15 groups of commodities not listed separately in Table 5 and applied to the U.S. totals that are shown in Table 8 of the Statistical Appendix to this Bulletin.

Table 4

Changes in Value of California's Exported Commodities, 1981-88

Commodity	1988	1987	1986	1985	1984	1983	1982	1981
	Millions of Dollars							
Cotton Lint	678.1	620.0	433.4	617.5	624.7	859.0	897.0	989.3
Almonds	587.1	464.9	420.3	400.1	315.5	243.2	236.3	307.3
Grapes	385.7	295.8	245.5	195.1	195.2	212.8	245.5	260.8
Oranges	157.3	181.1	197.2	208.3	217.6	241.7	194.2	204.7
Beef Cattle & Products	122.4	110.1	100.6	95.1	99.8	75.5	91.0	86.7
Rice	117.2	71.9	54.9	109.2	91.8	150.6	111.1	321.4
Walnuts	103.4	120.5	94.9	79.5	66.8	48.3	77.8	88.5
Wheat	103.4	69.0	24.4	79.3	115.5	72.9	218.2	315.8
Prunes	94.8	87.9	72.9	64.4	63.7	66.8	71.4	71.3
Lemons	92.0	75.5	78.3	53.8	88.3	95.3	82.2	92.0
Alfalfa	88.4	58.5	82.8	53.8	35.4	48.2	32.2	34.2
Strawberries	77.8	63.3	55.4	36.0	29.8	28.7	21.2	13.0
Dairy Cattle & Products	71.7	31.3	24.3	33.0	42.4	46.4	38.0	38.9
Vegetable Seeds	61.7	50.7	47.5	---	---	---	---	---
Peaches	53.6	44.0	45.7	38.5	42.3	53.2	59.9	74.0
Tomatoes	52.3	41.8	36.0	32.4	36.6	40.1	45.2	50.6
Plums	45.7	39.5	23.8	23.6	22.5	11.9	13.1	14.6
Lettuce	45.0	40.9	35.6	31.8	40.3	37.2	39.4	36.7
Flowers & Plants	37.3	32.5	29.0	25.7	33.4	17.4	14.9	16.1
Grapefruit	36.0	23.6	29.4	27.7	9.1	17.0	17.5	18.4
Sweet Cherries	35.8	24.1	---	---	---	---	---	---
Dry Beans	33.5	26.0	26.5	24.4	25.3	20.0	36.0	45.7
Safflower	32.5	15.9	18.7	21.9	24.1	---	---	---
Melons	31.7	41.4	---	---	---	---	---	---
Chickens & Eggs	30.3	21.1	20.9	16.6	14.9	13.7	25.0	36.6
Onions	29.0	28.4	28.5	28.7	44.8	28.8	29.8	42.4
TOTAL	3,994.7	3,336.8	2,838.5	2,831.4	2,905.0	3,053.2	3,311.3	4,198.2

Table 5

California's Principal Agricultural Exports Compared to U.S. Total 1988

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Compared to U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 Dollars	000 Units	000 Dollars	Percent
FIELD CROPS						
Alfalfa						
Alfalfa Hay Cubes	Stn.	284	37,790	741	96,327	
Alfalfa Meal, Dehydrated	Stn.	1	56	2	142	
Alfalfa Meal, Sun Cured	Stn.	---	42	4	307	
Hay & Straw (Incl. Sudan Grass Hay)	Stn.	361	37,317	691	83,476	
Alfalfa Seed, Uncertified	Lb.	1,657	2,189	2,780	3,525	
Alfalfa Seed, Certified	Lb.	7,155	11,018	16,460	23,770	
SUBTOTAL – ALL ALFALFA			88,412		207,547	42.6
Barley						
Barley, Unmilled	Bu.	178	481	98,832	278,706	0.2
Cotton						
Cotton: 1" to 1-1/8"	Rba.	1,756	620,993	4,822	1,667,868	
Cotton: Other > 1-1/8"	Rba.	157	57,346	481	182,461	
Cotton Linters: Felting Grade	Lb.	2,788	487	8,203	1,425	
Cotton Linters: Other	Lb.	32,078	5,003	90,624	15,468	
SUBTOTAL – ALL COTTON			678,075		1,867,222	36.3
Cottonseed						
Cottonseed	Lb.	17,829	2,495	97,190	13,599	
Cottonseed Oil, Crude	Lb.	4,795	1,157	26,136	6,309	
Cottonseed Oil, Once Refined	Lb.	54,537	12,877	297,291	70,194	
Cottonseed Oil, Other	Lb.	7,144	1,842	38,943	10,040	
Cottonseed Oil, Cake & Meal	Stn.	10	1,196	56	6,521	
Cottonseed Oil, Hydrogenated	Lb.	1,081	340	5,895	1,852	
SUBTOTAL – ALL COTTONSEED			19,907		108,515	18.3
Dry Beans						
Lima Beans	Lb.	54,065	16,785	54,065	16,785	
White Beans	Lb.	1,338	594	6,487	1,338	
Red Kidney Beans	Lb.	9,445	2,789	9,445	2,789	
Blackeye Beans (Cowpeas)	Lb.	15,353	4,338	15,353	4,338	
Other Beans	Lb.	11,570	2,958	92,556	23,661	
Other Peas (Garbanzos)	Lb.	---	---	3,759	948	
SUBTOTAL – ALL DRY BEANS			27,464		49,859	55.1
Ladino Clover Seed						
Ladino Clover Seed	Lb.	654	1,003	654	1,003	100.0
Rice						
Rice, Paddy or Rough	Lb.	52,746	4,376	277,251	23,208	
Rice, Husked, Brown, Long	Lb.	7,977	906	306,025	43,417	
Rice, Husked, Brown, Medium	Lb.	7,595	948	56,825	6,156	

Table 5

California Principal Agricultural Exports Compared to U.S. Total 1988

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Compared to U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 Dollars	000 Units	000 Dollars	Percent
Rice, Husked, Brown, Short	Lb.	1,529	237	2,267	318	
Rice, Husked, Brown, Mixed	Lb.	1,713	219	4,591	507	
Rice, Parboiled, Other	Lb.	315	90	17,722	3,515	
Rice, Milled, Long	Lb.	63,210	10,314	1,928,053	314,738	
Rice, Milled, Medium	Lb.	752,485	97,009	881,826	116,989	
Rice, Milled, Short	Lb.	4,467	989	8,380	1,707	
Rice, Milled, Mixed	Lb.	2,208	359	16,096	2,518	
Rice, Milled > 74% Broken	Lb.	111	9	168,829	14,816	
Rice, Milled, Other	Lb.	0	0	682	177	
Rice, Milled, for Relief	Lb.	5,229	615	132,618	17,783	
Rice Byproducts	Stn.	16	1,097	39	2,974	
SUBTOTAL – ALL RICE			117,168		548,823	21.3
Safflower						
Safflower Seed	Lb.	70,498	7,622	86,476	9,111	
Safflower Oil	Lb.	60,827	24,845	64,858	26,568	
SUBTOTAL – ALL SAFFLOWER			32,467		35,679	91.0
Wheat						
Wheat, Unmilled, Relief	Bu.	0	0	18,774	73,680	
Wheat, Unmilled, Not Relief	Bu.	21,883	97,225	1,469,229	4,810,805	
Wheat, Flour, Relief	Cwt.	55	446	6,420	21,075	
Wheat, Flour, Not Relief	Cwt.	37	448	20,415	162,417	
Wheat, Flour, Durum & Semolina	Cwt.	16	182	766	8,815	
Wheat, Bulgur, Relief	Cwt.	597	5,527	2,894	30,687	
Wheat, Bulgur, Not Relief	Cwt.	---	5	32	294	
Wheat, Other NEC	Cwt.	---	2	132	554	
Wheat Byproducts	Stn.	8	664	11	920	
SUBTOTAL – ALL WHEAT			103,421		5,109,247	2.0
SUBTOTAL – ALL FIELD CROPS			1,077,026		8,206,601	
		FRUIT AND NUT CROPS				
Almonds						
Almonds, Not Shelled	Lb.	27,395	25,840	27,395	25,840	
Almonds, Shelled	Lb.	311,434	437,703	311,434	437,703	
Almonds, Prepared/Preserved	Lb.	76,872	123,586	76,872	123,586	
SUBTOTAL – ALL ALMONDS		402,574	587,129	402,574	587,129	100.0
Apricots						
Fresh Apricots (to Canada)	Lb.	2,794	875	3,081	1,014	
Dried Apricots (Incl. Peaches, Nectarines, and Pears)	Lb.	2,343	3,905	2,343	3,905	
Apricots, Prepared/Preserved	Lb.	1,986	1,127	1,986	1,127	

Table 5

California's Principal Agricultural Exports Compared to U.S. Total 1988

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Compared to U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 Dollars	000 Units	000 Dollars	Percent
SUBTOTAL – ALL APRICOTS			5,907		6,046	97.7
Avocados						
Fresh Avocados	Lb.	33,184	21,551	*	*	a/
Dates						
Dried Dates	Lb.	8,743	7,385	8,743	7,385	100.0
Figs						
Dried & Fresh Figs	Lb.	2,403	1,760	2,403	1,760	100.0
Grapes						
Fresh	Lb.	323,748	142,319	337,237	148,644	
Dried Raisins	Lb.	218,620	154,554	218,620	154,554	
Wines, Not Over 14% Alcohol	W/Gal.	12,490	63,309	13,026	66,023	
Other Wines from Grapes	W/Gal.	2,553	13,070	2,662	13,631	
Other Fermented Alcoholic Beverages	Gal.	1,218	5,481	1,270	5,718	
Grape Juice, Not Concentrated	Gal.	160	268	903	1,933	
Grape Juice, Concentrated, Frozen	S/S Gal.	522	1,073	3,446	5,984	
Grape Juice, Concentrated, Not Frozen	S/S Gal.	1,037	1,783	7,071	14,224	
Canned Mixture (16% Grapes)	Lb.	8,368	3,872	8,368	3,873	
SUBTOTAL – ALL GRAPES			385,729		414,584	93.0
Grapefruit						
Fresh Grapefruit	Lb.	164,327	36,040	1,095,513	240,266	15.0
Kiwifruit						
Kiwifruit	Lb.	26,429	17,581	26,429	17,581	100.0
Lemons						
Fresh Lemons	Lb.	287,885	91,980	313;202	100,897	91.2
Olives						
Canned Olives	Lb.	2,699	2,451	2,699	2,451	
Other Olives	Lb.	1,066	773	1,066	773	
SUBTOTAL – ALL OLIVES		3,765	3,224	3,765	3,224	100.0
Oranges						
Fresh Oranges	Lb.	610,846	157,334	710,286	182,946	86.0
Peaches						
Fresh Peaches & Nectarines	Lb.	79,095	26,100	106,570	33,630	
Canned Peaches	Lb.	40,647	16,585	40,647	16,585	
Canned Mixtures (45% Peaches)	Lb.	23,535	10,891	23,535	10,891	
SUBTOTAL – ALL PEACHES			53,576		61,106	87.7

Table 5

California's Principal Agricultural Exports Compared to U.S. Total 1988

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Compared to U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 Dollars	000 Units	000 Dollars	Percent
Pears						
Fresh Pears	Lb.	31,419	6,080	107,208	22,453	
Canned Pears	Lb.	1,332	604	2,161	980	
Canned Mixtures (30% Pears)	Lb.	16,526	7,648	16,526	7,648	
SUBTOTAL – ALL PEARS			14,332		31,081	46.1
Pistachios						
Pistachios, Not Shelled	Lb.	4,364	7,660	4,364	7,660	
Pistachios, Shelled	Lb.	1,745	3,323	1,745	3,323	
Pistachios, Prepared/Preserved	Lb.	2,083	4,270	2,083	4,270	
SUBTOTAL – ALL PISTACHIOS			15,253		15,253	100.0
Plums						
Fresh Plums	Lb.	90,646	45,660	103,413	47,162	96.8
Prunes						
Dried Prunes	Lb.	130,261	94,772	130,261	94,772	100.0
Sweet Cherries						
Sweet Cherries	Lb.	26,638	35,826	49,407	56,907	63.0
Tangerines						
Fresh Tangerines	Lb.	20,223	5,362	34,867	9,244	58.0
Walnuts						
Walnuts, Not Shelled or Preserved	Lb.	20,601	25,747	20,601	25,747	
Walnuts, Shelled	Lb.	105,874	77,694	105,874	77,694	
SUBTOTAL – ALL WALNUTS			103,441		103,441	100.0
SUBTOTAL – ALL FRUITS AND NUTS			1,683,842		1,998,361	
VEGETABLES, VEGETABLE SEED, MELONS & BERRIES						
Asparagus						
Fresh Asparagus	Lb.	19,682	27,394	25,843	33,949	
Canned Asparagus	Lb.	1,341	966	3,596	2,769	
SUBTOTAL – ALL ASPARAGUS			28,360		36,718	77.2
Broccoli						
Fresh Broccoli	Lb.	100,980	26,855	105,010	27,847	96.4
Cabbage						
Fresh Cabbage	Lb.	17,950	2,389	*	*	
Carrots						
Fresh Carrots	Lb.	78,002	14,947	108,351	20,830	

Table 5

California's Principal Agricultural Exports Compared to U.S. Total 1988

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Compared to U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 Dollars	000 Units	000 Dollars	Percent
Frozen Carrots	Lb.	6,071	1,287	18,082	3,704	
SUBTOTAL – ALL CARROTS			16,234		24,534	66.2
Cauliflower						
Fresh Cauliflower	Lb.	61,007	16,387	65,612	17,569	93.3
Celery						
Fresh Celery	Lb.	119,903	22,388	179,458	25,835	86.7
Garlic						
Fresh Garlic	Lb.	8,637	4,685	11,179	5,734	
Dried Garlic	Lb.	9,059	7,122	9,059	7,122	
SUBTOTAL – ALL GARLIC			11,807		12,856	91.8
Lettuce						
Fresh Lettuce	Lb.	313,469	45,013	397,191	61,605	73.1
Melons						
Fresh Melons (Honeydews)	Lb.	73,066	18,975	82,329	21,302	
Cantaloup	Lb.	66,681	9,112	76,058	10,417	
Watermelon	Lb.	23,329	3,589	119,003	9,799	
SUBTOTAL – ALL MELONS			31,676		41,518	76.3
Onions						
Fresh Onions	Lb.	63,988	8,710	234,035	29,382	
Dried Onions	Lb.	21,944	20,288	42,125	33,303	
SUBTOTAL – ALL ONIONS			28,998		62,685	46.3
Peppers						
Fresh Peppers	Lb.	16,956	3,523	74,839	13,606	25.9
Potatoes						
Fresh Potatoes	Lb.	81,717	15,426	204,471	38,794	
Potatoes for Seed	Lb.	59	4	10,991	804	
SUBTOTAL – ALL POTATOES			15,430		39,598	39.0
Strawberries						
Fresh Strawberries	Lb.	55,693	71,815	61,926	79,088	
Frozen Strawberries	Lb.	11,288	6,002	17,819	9,475	
SUBTOTAL – ALL STRAWBERRIES			77,817		88,563	87.9
Tomatoes						
Fresh Tomatoes	Lb.	70,238	20,312	233,849	68,053	
Canned Tomato Pulp (Puree)	Lb.	4,201	1,540	4,752	1,742	

Table 5

California's Principal Agricultural Exports Compared to U.S. Total 1988

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Compared to U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 Dollars	000 Units	000 Dollars	Percent
Canned Tomato Sauce (Ex. Chili)	Lb.	15,390	6,360	17,409	7,195	
Canned Tomato Paste	Lb.	23,530	9,561	26,618	10,816	
Canned Other Tomatoes	Lb.	10,468	2,850	11,842	3,224	
Tomato Juice & Vegetable Juice (> 70% Tomato)	Gal.	1,758	3,441	1,989	3,892	
Catsup & Chili Sauce	Lb.	23,378	8,269	26,446	9,354	
SUBTOTAL – ALL TOMATOES			52,333		104,276	50.2
Nursery Products						
Cut Flowers	---	---	3,562	---	8,022	
Other Cut Plant Materials	---	---	14,021	---	31,578	
Bulbs, Roots, Corms, Etc.	---	---	825	---	3,499	
Fruit & Nut Plants	---	---	1,143	---	5,260	
Rose Plants	---	---	1,616	---	3,231	
Nursery Stocks, N.S.P.F.	---	---	8,084	---	32,209	
Flower Seeds	Lb.	---	8,042	---	8,935	
SUBTOTAL – ALL FLOWERS & PLANTS			37,292		92,733	40.2
Vegetable Seeds						
Carrot Seed	Lb.	234	740	1,517	3,602	
Onion Seed	Lb.	462	3,531	1,009	9,449	
Pepper Seed	Lb.	110	477	406	1,545	
Radish Seed	Lb.	211	557	4,967	6,378	
Spinach Seed	Lb.	186	293	2,651	3,297	
Cantaloup Seed	Lb.	163	778	727	3,128	
Cucumber Seed	Lb.	138	734	844	4,022	
Lettuce Seed	Lb.	123	757	267	1,455	
Squash Seed	Lb.	250	989	1,144	3,744	
Tomato Seed	Lb.	117	1,389	581	7,203	
Watermelon Seed	Lb.	1,093	3,880	2,244	9,122	
Vegetable Seed N.S.P.F.	Lb.	8,391	37,841	17,114	66,419	
Seeds N.S.P.F.	Lb.	8,480	9,766	22,067	27,026	
SUBTOTAL – ALL VEGETABLE SEEDS		19,958	61,732	55,538	146,390	42.2
SUBTOTAL – ALL VEGETABLES, NURSERY PRODUCTS, SEEDS, MELONS & BERRIES			478,234		796,333	
LIVESTOCK AND POULTRY						
Beef, Cattle & Products						
Beef Bulls, for Breeding	No.	---	435	21	23,181	
Beef Females, for Breeding	No.	---	500	11	12,441	
Cattle, Not for Breeding	No.	31	13,701	264	119,773	
Beef, Fresh or Frozen, with Bone	Lb.	2,064	3,529	64,817	110,841	
Beef, Fresh or Frozen, w/o Bone	Lb.	12,772	29,465	401,101	925,329	
Veal, Fresh or Frozen	Lb.	321	372	10,092	11,695	

Table 5

California's Principal Agricultural Exports Compared to U.S. Total 1988

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Compared to U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 Dollars	000 Units	000 Dollars	Percent
Beef Tongues, Fresh or Frozen	Lb.	2,221	3,021	69,755	94,880	
Beef Livers, Fresh or Frozen	Lb.	4,214	1,336	132,347	41,955	
Other Beef Offal	Lb.	8,832	7,668	277,355	240,790	
Veal Offal	Lb.	92	95	2,877	2,976	
Beef, Excluding Carcass	Lb.	660	1,428	20,738	44,843	
Veal, Excluding Carcass	Lb.	4	14	133	451	
Beef & Veal, Canned	Lb.	78	77	2,449	2,429	
Beef & Veal, Otherwise Prepared	Lb.	246	580	7,726	18,209	
Whole Cattle Hides	Pc.	720	43,310	24,350	1,465,092	
Whole Calf Skins	Pc.	71	1,265	2,403	42,796	
Cut Cattle Hides/Spec. Cuts	Pc.	10	203	322	6,864	
Other Cut Cattle Hides	Lb.	1,895	540	64,104	18,256	
Tallow, Edible	Lb.	3,934	763	133,092	25,818	
Tallow, Inedible	Lb.	79,263	14,108	2,681,355	477,238	
SUBTOTAL – ALL CATTLE & PRODUCTS			122,410		3,685,857	3.3
Dairy, Cattle & Products						
Dairy Bulls, for Breeding	No.	---	59	6	10,500	
Dairy Females, for Breeding	No.	2	3,220	51	50,962	
Fluid Milk & Cream	Gal.	1,295	1,773	3,925	8,003	
Evaporated Milk & Cream, Canned	Lb.	468	275	2,227	1,209	
Condensed Milk & Cream, Canned	Lb.	128	112	333	240	
Evaporated or Condensed Milk & Cream, Bulk	Lb.	1,258	1,278	5,107	2,614	
Nonfat Dry Milk, Relief	Lb.	33,354	10,171	163,533	67,005	
Nonfat Dry Milk, Not Relief	Lb.	44,299	26,560	318,463	174,236	
Other Dried Milk & Cream	Lb.	6,381	7,168	19,178	12,794	
Butter	Lb.	478	396	14,999	7,690	
Cheddar Cheese	Lb.	213	334	27,620	16,370	
American Type Cheeses, Excl. Cheddar	Lb.	743	969	15,953	14,234	
All Other Cheeses	Lb.	1,104	1,595	9,352	14,996	
Infant's Dried Milk Base Supplement	Lb.	192	186	8,290	14,989	
Other Dried Milk Base/Diet Supplement	Lb.	397	557	6,391	7,820	
Ice Cream	Gal.	1,387	2,922	3,068	6,578	
Milk Products, NEC	---	---	1,224	---	7,718	
Whey, Fluid	Gal.	39	115	61	252	
Whey, Dried	Lb.	44,596	12,455	155,164	40,879	
Yogurt & Fermented Milk	Lb.	584	323	3,244	1,581	
SUBTOTAL–ALL DAIRY CATTLE & PRODUCT			71,692		460,670	15.6
Sheep						
Sheep, Live	No.	24	1,128	175	8,334	
Sheep/Lamb Meat, Fresh or Frozen	Lb.	185	422	1,438	3,119	
Sheep & Lamb Offal	Lb.	1,049	623	7,757	4,603	
Whole Skins, Sheep, Lambs, with Wool	No.	225	2,066	1,661	15,271	

Table 5

California's Principal Agricultural Exports Compared to U.S. Total 1988

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Compared to U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 Dollars	000 Units	000 Dollars	Percent
Sheep, Lamb Skins, w/o Wool	No.	335	2,026	2,476	14,976	
SUBTOTAL – ALL SHEEP, LAMB & PRODUCTS			6,265		46,303	13.5
Horses						
Horses for Breeding (Actual Number)	No.	33	504	4,196	53,386	
Horses, N.S.P.F., Live (Actual Number)	No.	---	---	23,832	213,522	
SUBTOTAL HORSES			504		266,908	0.2
Chickens						
Chickens for Breeding	No.	243	604	18,549	55,748	
Baby Chicks, Excl. Breeder Stock	No.	45	20	16,422	7,881	
Chickens, Fresh/Frozen, Whole/Young	Lb.	1,947	1,076	93,511	53,402	
Other Chickens, Fresh/Frozen, Whole	Lb.	212	135	24,304	13,681	
Chicken Parts, Fresh or Frozen	Lb.	9,392	5,109	686,602	339,221	
Eggs for Hatching	Doz.	1,081	1,217	25,768	51,093	
Other Eggs, in Shell	Doz.	8,008	4,888	41,231	28,148	
Dried Egg Whites	Lb.	3,396	6,138	7,658	13,879	
Dried Whole Eggs	Lb.	2,631	3,399	5,455	6,931	
Egg Whites, Not Dried	Lb.	2,202	1,113	9,929	7,135	
Other Eggs, Not Dried	Lb.	11,714	6,648	17,592	10,006	
SUBTOTAL – ALL CHICKENS & PRODUCTS			30,347		587,125	5.2
Turkeys						
Turkey Poults, Live	No.	61	52	1,352	1,534	
Whole Turkeys, Fresh or Frozen	Lb.	1,850	1,352	7,622	5,639	
Turkey Parts, Fresh or Frozen	Lb.	7,309	3,935	43,726	18,970	
SUBTOTAL – ALL TURKEYS & PRODUCTS			5,339		26,143	20.4
SUBTOTAL – ALL LIVESTOCK			236,557		5,172,986	
TOTAL – PRINCIPAL COMMODITIES			3,230,474			
TOTAL - ALL OTHER COMMODITIES			527,693			
TOTAL – ALL AGRICULTURAL EXPORTS			3,994,724		37,093,081	10.8

a/ Canadian Data exceeds U.S. - discrepancy has not been resolved.

Data Guidelines

- Because data sources often differ in what is included or excluded, various export studies may report different numbers depending on the items and trade patterns included.

- The California Agricultural Statistics Service and the U.S. Department of Commerce are constantly updating and revising data. The most recent available revision was used at the time of the assembly of this report: June-September 1988.

- Shipments under the federal Agricultural Trade Development Assistance Act and Act for International Development are included.

- Agricultural Commodities in this report consist of nonmarine food products and agricultural products that have not passed through complex manufacturing processes. This includes raw hides and skins, vegetable and animal fats and olives, and unrefined wines.

Data Not Included

- Manufactured items such as textiles, boots and shoes, baked goods and distilled alcoholic beverages are not included.

- Shipments between the 50 states, Puerto Rico and U.S. island possessions (Virgin Islands, Guam, Etc.).

- Shipments in transit from one country to another through the U.S.

- Shipments to U.S. Armed Forces and Diplomatic Missions abroad for their own use.

California Agricultural Export Market Development Program

The program is a result of the sharp decline in the State's agricultural exports and became effective January 1, 1986 when Assembly Bill 1423 became law. It encourages and promotes the sale of California's agricultural products in foreign markets by providing $2.1 million through June 1986, and calls for an annual appropriation of $5 million each succeeding year through 1990.

The California program provides individual firms and commodity groups involved in exporting California agricultural products the opportunity to apply for matching State funds to promote their products directly in the International marketplace.

It is a positive step to help agriculture meet the demands of the fiercely competitive and protective world market and is the first "cooperator" program instituted by any state.

Those interested in applying for matching funds for export promotion should contact the Export Promotion Program, Director's Office, Department of Food and Agriculture, 1220 N Street, Room 104, Sacramento, CA 95814, (916) 322-4339.

CALIFORNIA AGRICULTURAL STATISTICS SERVICE

UNITED STATES
DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE

STATE OF CALIFORNIA
DEPARTMENT OF FOOD AND AGRICULTURE
AGRICULTURAL STATISTICS BRANCH

P.O. BOX 1258
SACRAMENTO, CA 95812-1258

If you want one or more current released on a one-time basis only, please complete this side of the form. We will mail you the latest release unless you indicate otherwise.

If you wish to be placed on our regular mailing list for upcoming releases, please complete the back side of this form by following the printed instructions.

CHECK HERE	RELEASE NAME	DOMESTIC CHARGE	ENTER AMOUNT
☐	California Agriculture -- Annual Bulletin-1988 (Statistical Review)	$ 4.00	
☐	Exports of California Agricultural Products -- Annual-1988	$ 4.00	
☐	Exports of California Agricultural Products (Appendix) -- Annual-1988	$ 6.00	
☐	California Agricultural Export Directory -- 1986-87	$8.00 Domestic $10.00 Foreign	
☐	Summary of County Agricultural Commissioners' Reports -- Annual-1987-88	$ 3.00	
☐	Field Crop Statistics -- Annual Bulletin 1984-88	$ 4.00	
☐	Prices Received by California Producers for Farm Commodities-1975-86	$ 4.00	
☐	Fruit and Nut Acreage -- Annual Bulletin 1988	$ 4.00	
☐	Fruit & Nut Statistics -- Annual Bulletin 1979-88	$ 4.00	
☐	Grape Crush Report (Final) -- Annual 1988 Crop	$ 4.00	
☐	Grape Acreage Bulletin -- Annual Bulletin-1988 Crop	$ 4.00	
☐	Grapes, Raisins, and Wine--1980*	$ 4.00	
☐	Walnuts, Raisin, and Prunes (Price Report) -- Annual-1988 Crop	$ 1.00	
☐	Vegetable Crops -- Annual Bulletin-1979-88	$ 4.00	
☐	Livestock Statistics -- Annual Bulletin-1988	$ 4.00	
☐	Eggs, Chickens, and Turkeys -- Annual-1981*	$ 4.00	
☐	Dairy Industry Statistics -- Annual Bulletin-1988	$ 4.00	
☐	Dot Maps (complete set of 50 major commodities) acreage, yield, production and value; top counties-1988	$10.00	
☐	Complete set of County Agricultural Commissioner Report Data, Commodity by County, 250 pages per set for Calendar Years 1980, 1981, 1982, 1983 1984, 1985, 1986, 1987 and 1988 (indicate calendar year(s) desired).	$30.00 per Year	
	TOTAL CHARGE		

* Discontinued series.

Make check or money order payable to: CASS/CDFA

Send this order form with remittance to:
California Agricultural Statistics Service
P.O. Box 1258
Sacramento, CA 95812-1258

Company or Firm Name

Name

Mailing Address

City, State, and Zip

CALIFORNIA AGRICULTURAL STATISTICS SERVICE

Please use this form to subscribe to the following publications. Check the publications you wish to receive, enter the subscription rate in the space provided and total the cost at the bottom of the column.

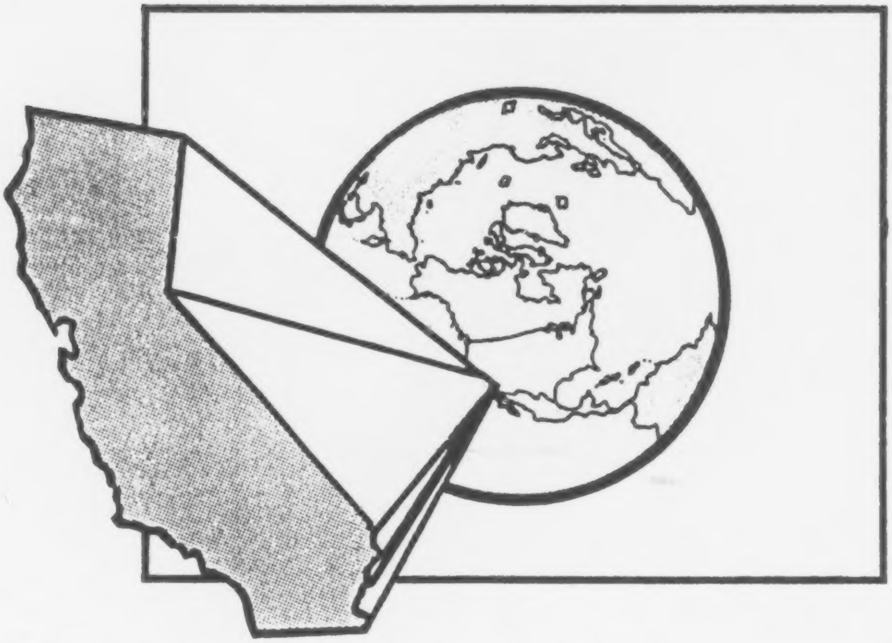
CHECK HERE	Report Title and Description	Subscription Rate (First Class Mail)		Enter Amount Enclosed for Each Publication Ordered
		Foreign 1/	Domestic 2/	
☐ 907	**CROP WEATHER REPORT:** Weekly Weather's effect on crops; planting and harvesting information; weekly and accumulated precipitation data and temperatures by station.	$60.00	$20.00	$ ________
☐ 981	**SUMMARY OF CALIFORNIA AGRICULTURE:** (Statistical Review) Annual Bulletin A summary of over 69 crops, their acreage, production, value, ranking, and major producing counties.	$ 8.00	$ 4.00	$ ________
☐ 985	**EXPORTS OF CALIFORNIA AGRICULTURAL PRODUCTS:** Annual Bulletin Estimates of California's agricultural products entering international trade by calendar year.	$ 8.00	$ 4.00	$ ________
☐ 986	**EXPORTS OF CALIFORNIA AGRICULTURAL PRODUCTS:** (Statistical Appendix) Annual Bulletin Destination data by commodity and country -- U.S. and California port totals.	$12.00	$ 6.00	$ ________
☐ 910	**FIELD CROP REVIEW:** Monthly Grain, cotton, hay, sugar beet, etc. acreage, production, value; price, warehouse, and farm labor data.	$20.00	$10.00	$ ________
☐ 996	**FIELD CROP STATISTICS:** Annual Bulletin Data on acreage, yield, and production of most field crops. County breakdown on major crops. Expanded price information.	$ 8.00	$ 4.00	$ ________
☐ 920	**FRUIT AND NUT REVIEW:** Monthly Grape, citrus, deciduous, and nut acreage, production, price and utilization.	$20.00	$10.00	$ ________
☐ 992	**FRUIT & NUT ACREAGE:** Annual Bulletin Acreages of fruit and nut crops by year planted, variety, and county.	$ 8.00	$ 4.00	$ ________
☐ 926	**FRUIT & NUT STATISTICS:** Annual Bulletin Acreage, production,value, utilization of fruit and nut crops with historical data.	$ 8.00	$ 4.00	$ ________
☐ 922	**GRAPE CRUSH REPORT:** February & March Bulletins Tons purchased, crushed, Brix factors, and price per ton by variety, by district, preliminary and final.	$20.00	$ 8.00	$ ________
☐ 923	**GRAPE ACREAGE:** Annual Bulletin Acreages of grapes by year planted, variety, and county; removal data.	$ 8.00	$ 4.00	$ ________
☐ 931	**VEGETABLE REVIEW:** Monthly Processing and fresh market vegetable, potato, berry acreage, production, and value.	$20.00	$10.00	$ ________
☐ 994	**VEGETABLE CROPS:** Annual Bulletin Historic and area information on above-mentioned crops.	$ 8.00	$ 4.00	$ ________
☐ 940	**LIVESTOCK REVIEW:** Monthly Livestock inventories, intentions, and values; pasture, slaughter, and on-feed data for cattle and sheep.	$20.00	$10.00	$ ________
☐ 993	**LIVESTOCK STATISTICS:** Annual Bulletin Historic and detailed data on above-mentioned categories.	$ 8.00	$ 4.00	$ ________
☐ 943	**DAIRY INFORMATION BULLETIN:** Monthly Production, utilization, and prices of milk and dairy products.	$20.00	$10.00	$ ________
☐ 990	**DAIRY INDUSTRY STATISTICS:** Annual Bulletin Historic and detailed data on above-mentioned categories.	$ 8.00	$ 4.00	$ ________
☐ 960	**POULTRY REPORT:** Monthly Chicken and turkey settings, hatchings, eggs produced, inventory, value, and cold storage.	$20.00	$10.00	$ ________
	TOTAL SUBSCRIPTION FEES			$ ________

1/ Foreign mailing is via air mail. All checks must be drawn on a U.S. bank. 2/ Mexico rate is the same as domestic rate.

80247

S0850-1.3-a

California Agricultural Exports



Statistical Appendix

1988

CALIFORNIA AGRICULTURAL EXPORTS APPENDIX

STATE OF CALIFORNIA

George Deukmejian
Governor

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

Henry J. Voss
Director

Jed A. Adams
Assistant Director
Division of Marketing Services

Jim Tippett
Chief
Agricultural Statistics Branch

George Urda
Chief Executive Officer
Agricultural Export Program

Project Coordinator
Ray Borton
Senior Agricultural Economist
Agricultural Statistics Branch

With the Assistance of
Frank Limacher
Assistant Agricultural Economist
Agricultural Statistics Branch

Sacramento, California
1989

STATISTICAL APPENDIX CONTENTS

PAGE
Contents of Appendix i
Introduction ii
Notes iii
List of Abbreviations -- Country Names iv
List of Abbreviations -- Commodities vi

LIST OF TABLES

Table 6. U.S. Agricultural Exports and California Port District Exports, Quantity and Value, Commodity by Country, Calendar Year 1988 .... A-1

FIELD CROPS PAGE

Alfalfa A-1
Barley A-1
Beet Pulp A-1
Cotton A-2
Cottonseed, Oil A-2
Cottonseed, Cake A-3
Jojoba Oil A-3
Safflower Oil A-3
Dry Beans & Peas A-3
Ladino Clover Seed A-5
Rice A-5
Wheat & Products A-6

FRUIT & NUT CROPS

Almonds A-8
Apples A-9
Dried Fruit A-10
Apricots A-10
Avocados A-10
Cherries A-10

FRUIT & NUT CROPS, (Continued) PAGE

Dates A-10
Figs A-10
Grapes & Products A-10
Grapefruit & Products A-13
Kiwifruit A-13
Lemons & Products A-13
Melons A-14
Oranges & Products A-14
Olives A-16
Peaches & Nectarines A-16
Fruit Mixtures A-17
Pears A-17
Pistachios A-18
Prunes & Plums A-18
Strawberries A-19
Tangerines A-19
Walnuts A-19
Other Fresh Fruit A-20
Mixed Dry Fruit A-20

VEGETABLE CROPS PAGE

Asparagus A-20
Broccoli A-20
Cabbage A-20
Carrots A-21
Cauliflower A-21
Celery A-21
Garlic A-21
Lettuce A-21
Onions A-22
Peppers A-22
Potatoes A-22
Tomatoes & Products A-22
Spice & Spice Seeds A-24
Flowers & Plant Materials A-24
Crop Seeds A-25

LIVESTOCK & POULTRY

Livestock A-27
Poultry & Products A-30
Dairy Products A-32

Table 7. U.S. Agricultural Exports: 1988 Annual Exports by Country A-33

PAGE
Algeria A-33
Belgium A-33
Canada A-35
China, Mainland A-39
Egypt A-40
France A-41
Hong Kong A-43
India A-47
Indonesia A-47

PAGE
Iraq A-49
Israel A-50
Italy A-51
Japan A-53
Mexico A-57
Morocco A-61
Netherlands A-62
Philippines A-65
Saudi Arabia A-67

PAGE
South Korea A-70
Spain A-73
Taiwan A-75
United Kingdom A-78
USSR A-81
Venezuela A-81
W. Germany A-83

Table 8. Other Agricultural Commodities Exported Thru U.S. and California Port Districts, Totals Not Listed in Table 6, Calendar Year 1988 .... A-87

INTRODUCTION: The publication Exports of Agricultural Commodities Produced in California is published in two parts: an Annual Bulletin and a Statistical Appendix. The Annual Bulletin provides a review of data and information sources, the value and quantity for California's major agricultural export items with year-to-year comparisons, farm value, acreage required to produce selected agricultural exports, and comparisons of California exports to those of the nation. The Statistical Appendix provides detail on value and quantity of exports of agricultural goods that are of interest to California. Detail on commodity movement to specific markets is provided by country with commodity detail, and by commodity with individual country detail. Statistics on the method of shipment, either by air or vessel, are also presented within the country detail tables. All dollar amounts represent the value of the product as it arrives at the port of exportation including transportation, insurance, and other costs (c.i.f. port of export). Costs incurred beyond the U.S. port of exportation are not included.

Port district statistics reflect total shipments of the item through the port district, without consideration of the point of origin of the commodity within the United States. Therefore, individual users of this data must apply their own knowledge of trade patterns to determine the portion of a specific product that originates on California farms and ranches. Products moving to Canada from California are rarely reflected in the California port district statistics. Additional information on trade with Canada is available from the Federal-State Market News Service and Agriculture Canada, referenced in the Annual Bulletin.

Table 6 provides commodity information by destination, with total U.S. exports and movement of the goods through the California port districts. Over 150 agricultural products are presented.

Table 7 shows exports to 25 countries based on the total value of U.S. exports in over 400 separate agricultural commodites. Commodities are presented in numeric order based on the Bureau of Census Schedule B Classification. Statistics include total quantity and value exported from the U.S. and the California ports, and gross quantity and value of air and vessel shipments. The total of air and vessel quantity statistics may exceed those for the port districts since these "method of transportation" columns reflect gross weight, rather than the net weights shown in the U.S. and California Port District totals. Users are again cautioned to avoid assuming that all product movement through the port districts reflects production occurring in California.

The final table, Table 8, lists products that are not treated individually in Table 5 of the Annual Bulletin. Commodities that are not produced commercially in California have been excluded, so the totals presented do not coincide with similar lists published by the Foreign Agricultural Service.

Additional details on exports of other commodities of interest to California or on shipments to countries not included in this report may be obtained on a request basis from the Agricultural Statistics Branch, 1220 N Street, Room 243, Sacramento, CA 95814.

Prepared by:

Jim Tippett
State Statistician

Ray Borton
Senior Agricultural Economist

Frank Limacher
Assistant Agricultural Economist

Department of Food and Agriculture

November 1989

NOTES TO THE STATISTICAL APPENDIX

SOURCE: The tables in this appendix were prepared from data extracted from the U.S. Department of Commerce, Data Tape EA622, U.S. Exports, Schedule B Schedule by Schedule B Number by Unit Control by Country of Destination by Customs District of Exportation by Economic Class and Method of Transportation.

Table 6: "Agricultural Exports: U.S. and California Port District Totals" summarizes data for 1988 exports of over 150 agricultural products by destination.

1. "California Ports Quantity" is net units of product at the port of exportation.
2. Countries with purchases of less than $5,000 of a specific commodity are totaled and included as "Other".
3. The sum of all indivdual country values for a commodity may differ from that presented under "Total" due to rounding.
4. Statistics for California port districts should be applied carefully since value and quantity for products shipped from California ports could include production originating in other states.

Table 7: "1988 Annual Exports by Country" details exports to 25 countries, selected by the total value of their U.S. purchases of 400 agricultural products of commercial interest to California.

1. Individual commodites are ranked within each country by the total U.S. purchase value of the commodity.
2. "U.S. Total Quantity" and "California Ports Quantity" are net quantity at the port of exportation.
3. "Vessel Quantity" and "Air Quantity" are gross weights at the port of exportation, and may total more than "U.S. Total Quantity" or "California Ports Quantity".

Table 8: "Other Agricultural Commodities Exported Thru U.S. and California Port Districts" provides supplementary data for the commodities not included in Table 5.

1. A modified production share approach was used in calculating the contribution of these commodities to Califonria's agricultural exports, as explained in the introduction to Table 5 in the Annual Bulletin.

LIST OF ABBREVIATIONS -- COUNTRY NAMES

ABBREVIATION	COUNTRY
AFGHAN	Afghanistan
ALBANIA	Albania
ALGERIA	Algeria
ANGOLA	Angola
ARGENT	Argentina
AUSTRAL	Australia
AUSTRIA	Austria
BAHAMAS	Bahamas
BAHRAIN	Bahrain
BNGLDSH	Bangladesh
BARBADO	Barbados
BELGIUM	Belgium & Luxembourg
BELIZE	Belize
BENIN	Benin
BERMUDA	Bermuda (British)
BOLIVIA	Bolivia
BOTSWAN	Botswana
BRAZIL	Brazil
B IND O	British Indian Ocean Territory
BRUNEI	Brunei
BULGAR	Bulgaria
BURKINA	Burkina (Formerly Upper Volta)
BURMA	Burma
BURUNDI	Burundi
CAMBOD	Cambodia
CAMROON	Cameroon
CANADA	Canada
CANTON	Canton & Enderbury Islands
CAYMAN	Cayman Islands
C AF RP	Central African Empire
CHAD	Chad
CHILI	Chili
CHINA M	China (Mainland)
TAIWAN	China (Taiwan)
COLOMB	Colombia
COMOROS	Comoros
CO BRAZ	Congo (Brazzaville)
C RICA	Costa Rica
CUBA	Cuba
CYPRUS	Cyprus
CZECHO	Czechoslovakia
DENMARK	Denmark (Except Greenland)
DJIBUTI	Djibouti
DOM REP	Dominican Republic
E GERM	East Cermany
ECUADOR	Ecuador
EGYPT	Egypt
SALVADR	El Salvador
EQ GUIN	Equatorial Guinea
ETHIOP	Ethiopia
FALK IS	Falkland Islands (Islas Malvinas)
FINALAND	Finland

ABBREVIATION	COUNTRY
FRANCE	France
F GUIAN	French Guiana
F IND O	French Indian Ocean Areas
FR P IS	French Pacific Islands
F W IND	French West Indies
GABON	Gabon
GAMBIA	Gambia
GHANA	Ghana
GIBRALT	Gibraltar
GREECE	Greece
GREENLD	Greenland
GUATMAL	Guatemala
GUINEA	Guinea
GYUANA	Guyana
HAITI	Haiti
HONDURA	Honduras
HG KING	Hong Kong
HUNGARY	Hungary
ICELAND	Iceland
INDIA	India
INDNSIA	Indonesia
IRAN	Iran
IRAQ	Iraq
IRELAND	Ireland
ISRAEL	Israel
ITALY	Italy
IVY CST	Ivory Coast
JAMAICA	Jamaica
JAPAN	Japan
JORDAN	Jordan
KENYA	Kenya
SO KOR	Korea, Republic of
KUWAIT	Kuwait
LAOS	Laos
LEBANON	Lebanon
LW WWI	Leeward & Windward Islands
LESOTHO	Lesotho
LIBERIA	Liberia
LIBYA	Libya
MACAO	Macao
MALAGAS	Malagasy Republic
MALAWI	Malawi
MALAYSA	Malaysia
MALI	Mali
MALTA	Malta
MAURITN	Mauritania
MAURIT	Mauritius
MEXICO	Mexico
MONGOLA	Mongolia
MOROC	Morocco
MOZAMBQ	Mozambique
NAMIBIA	Namibia
NEPAL	Nepal
NETHLDS	Netherlands
N ANTIL	Netherlands Antilles

LIST OF ABBRECIATIONS -- COUNTRY NAMES (Continued)

ABBREVIATION	COUNTRY
NEW GUI	New Guinea, Eastern
N ZEAL	New Zealand
NICARAG	Nicaragua
NIGER	Niger
NIGERIA	Nigeria
NO KOR	North Korea
NORWAY	Norway
OMAN	Oman
O PAC IS	Other Pacific Island, NEC
O W AF	Other West Africa, NEC
PAC I T	Pacific Islands (Trust Territory)
PAKISTN	Pakistan
PANAMA	Panama
PARAGUA	Paraguay
PERU	Peru
PHIL R	Philippines
POLAND	Poland
PORTUGL	Portugal
QATAR	Qatar
ROMANIA	Romania
RWANDA	Rwanda
S HELNA	St. Helena
SP MQEL	St. Pierre & Miquelon
W SAMOA	Samoa, Western
S ARAB	Saudi Arabia
SENEGAL	Senegal
SEYCHEL	Seychelles
SIER LN	Sierra Leone
SINGAPR	Singapore
SOMALIA	Somalia
REP SAF	South Africa, Republic of
SO P IS	Southern Pacific Islands
SPAIN	Spain
O SP AF	Spanish Africa, NEC
SRI LKA	Sri Lanka
SUDAN	Sudan
SURINAM	Surinam
SWAZLND	Swaziland
SWEDEN	Sweden
SWITZLND	Switzerland
SYRIA	Syria
TAIWAN	Taiwan
TNZANIA	Tanzania
THAILND	Thailand
TOGO	Togo
TRINID	Trinidad Island
TUNISIA	Tunisia
TURKEY	Turkey
TURK IS	Turks Islands
UGANDA	Uganda
USSR	Union of Soviet Socialist Republics
ARAB EM	United Arab Emirates
U KING	United Kingdom of Great Britain
U VOLTA	Upper Volta
URUGUAY	Uruguay
VENEZ	Venezuela
VIETNAM	Vietnam
W GERM	West Germany
W SAMOA	Western Samoa
YEMEN A	Yemen (Aden)
YEMEN S	Yemen (Sanaa)
YUGOSLV	Yugoslavia
ZAIRE	Zaire
ZAMBIA	Zambia
ZMBABWE	Zimbabwe

LIST OF ABBREIATIONS -- COMMODITIES

AVG	Average
BEV	Beverages
BU	Bushels
CND	Canned
CON	Concentrated, Concentrates
COND	Condensed
CRCSS	Carcass
CRD	Carded
CWT	Hundredweight, (100 Pounds)
DON	Donated
DOZ	Dozen
DRD	Dried
DRM	Durum
EVAP	Evaporated
FLR	Flour
FR	Fresh
FRZ FZ	Frozen
GAL	Gallon
HD	Head
INC	Including
LB	Pound
LTS	Liters
MD	Medium
N/ NT	Not
NEC Nec	Not Elsewhere Classified
NO	Number
NOT CON	Not Concentrated
NSPF n.s.p.f.	Not Specifically Provided For
OTH	Other
OV	Over
OZ	Ounces
PC	Pieces
PRBL	Parboiled
PREP	Preparations, Prepared
PRES	Preserved
RBA	Running Bale 480 Lbs. Net Weight
RELF	Relief
RSTD	Roasted
SC	Sauce
SHLLD	Shelled
S/SG S/S GAL	Single-Strength Gallon
S/TON STN	Short Ton (2,000 Pounds)
VEG	Vegetable
W/	With
WG W. GAL.	Wine Gallon
W/O	Without
EXC EX X	Except/Excluding

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1983

COUNTRY OF DESTINATION	CALENDAR YEAR 1983 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
1348005	ALFALFA HAY CUBES		--STN	
JAPAN	597	89,930	470	62,367
TAIWAN	14	2,050	1	167
ITALY	15	1,835	0	0
CANADA	6	730	0	0
MEXICO	5	705	2	205
AUSTRAL	1	305	0	0
HONG KO	1	219	1	155
SOUTH K	1	157	0	8
MALAYSA	1	139	0	0
NEW ZEL	0	105	0	0
SAUDIA	0	66	0	60
TRINIDA	0	33	0	0
ST. LUC	0	11	0	0
INDONES	0	11	0	11
BANGLAD	0	10	0	10
N ANTIL	0	3	0	0
NETHERL	0	5	0	0
BERMUDA	0	6	0	0
OTHER	0	2	0	0
TOTAL	741	$96,327	474	$62,983
1348015	ALFALFA MEAL, DEHYDRATED		--STN	
TAIWAN	1	59	0	0
JAPAN	1	42	1	42
MEXICO	0	16	0	14
JAMAICA	0	13	0	0
CANADA	0	9	0	0
OTHER	0	3	0	0
TOTAL	2	$143	1	$56
1348010	ALFALFA MEAL, SUN CURED		--STN	
SAUDIA	0	61	0	0
ITALY	1	53	0	0
CANADA	1	52	0	0
TAIWAN	0	46	0	2
MEXICO	1	40	0	2
FRENCH	1	33	1	38
PANAMA	0	17	0	0
TOTAL	4	$307	1	$42
1260120	ALFALFA SEED, UNCERTIFIED		--LB	
MEXICO	980	1,105	597	717
SAUDIA	495	710	492	708
CANADA	276	333	0	0
ITALY	173	262	0	0
AUSTRAL	134	214	134	214
MOROCCO	172	171	172	171
UNITED	79	120	79	120
IRAQ	77	93	77	93
COLOMBI	84	92	6	7
ECUADOR	56	82	45	70
SPAIN	55	72	0	0
REP. SO	40	71	40	71
VENEZUE	61	67	0	0
CHILE	23	36	23	36
FRANCE	22	31	0	0
JAPAN	17	20	17	20
DENMARK	15	18	0	0
PERU	11	15	0	0
ARAB EM	7	8	7	8
OTHER	4	5	0	0
TOTAL	2,780	$3,525	1,691	$2,234
1260140	ALFALFA SEED, CERTIFIED		--LB	
MEXICO	5,305	7,086	466	637
ARGENTI	4,245	6,505	3,569	5,570
CANADA	2,386	3,393	0	0
SAUDIA	2,103	3,155	2,103	3,155
REP. SO	534	1,001	531	997
IRAQ	153	316	20	29
SWEDEN	202	264	0	0
ITALY	233	227	37	71
CHILE	149	217	24	30
JAPAN	124	169	122	164
SUDAN	50	166	0	0
PAKISTA	110	163	110	163
PERU	124	153	44	52
TURKEY	133	148	0	0
NETHERL	77	131	2	4
ECUADOR	138	119	0	0
AUSTRAL	69	93	69	93
AUSTRIA	64	90	64	90
VENEZUE	32	57	0	0
GREECE	34	48	34	48
COLOMBI	31	47	20	32
EGYPT	32	46	0	0
NEW ZEL	34	40	34	40
DENMARK	23	32	0	0
UNITED	13	16	11	13
USSR	13	16	0	0
QATAR	11	15	11	15
PORTUGA	11	14	11	14
SOUTH K	7	10	2	3
ARAB EM	6	8	6	5
KUWAIT	6	7	6	7
BRAZIL	4	6	2	2
OTHER	8	12	5	8
TOTAL	16,460	$23,770	7,301	$11,243
1301040	BARLEY, OTHER THAN MALTING		--BU	
SAUDIA	17,578	44,643	46	320
ALGERIA	24,308	39,886	0	0
JAPAN	4,916	14,430	0	0
TUNISIA	7,371	11,404	0	0
IRAQ	7,029	10,856	0	0
BULGARI	6,978	9,192	0	0
ISRAEL	6,291	8,727	0	0
POLAND	3,593	5,185	0	0
EAST GE	1,144	2,802	0	0
MALTA	311	720	0	0
CYPRUS	560	652	0	0
MEXICO	210	446	130	263
CANADA	230	187	0	0
FRANCE	39	87	0	0
NIGERIA	23	60	0	0
PANAMA	9	21	1	3
TAIWAN	1	16	0	0
OTHER	4	8	1	2
TOTAL	80,594	$149,321	178	$593
1301020	BARLEY FOR MALTING		--BU	
PHILLIP	268	1,184	0	0
ISRAEL	159	175	0	0
CANADA	52	144	0	0
UNITED	21	62	0	0
PANAMA	13	39	0	0
SAUDIA	13	38	13	38
MEXICO	15	26	0	0
OTHER	2	7	0	0
TOTAL	542	$1,675	13	$38
1842000	BEET PULP, DRIED		--STN	
JAPAN	419	48,644	38	5,069
NETHERL	383	37,037	0	0
IRELAND	20	1,929	0	0
ITALY	16	1,417	0	0
WEST GE	5	549	0	0
UNITED	5	510	0	0
DENMARK	5	444	0	0
HAITI	1	110	0	0
CANADA	1	99	0	0
TAIWAN	1	94	0	0
MEXICO	0	47	0	0
SOUTH K	0	35	0	35
TOTAL	856	$90,915	39	$5,104

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
3001060	COTTON NT CRD 1 TO 1-1/8 IN --RBA			
JAPAN	1,167	427,511	976	363,048
SOUTH K	1,187	401,241	1,068	364,247
ITALY	293	101,223	102	37,599
INDONES	273	92,996	245	84,210
THIALAN	201	67,551	175	59,283
WEST GE	164	59,577	53	20,774
TAIWAN	140	42,759	113	34,457
CANADA	129	42,285	0	0
IRAQ	111	38,160	7	2,479
EGYPT	88	34,191	88	34,191
USSR	95	31,033	0	0
CHINA M	35	25,181	15	5,538
SPAIN	61	20,934	19	6,765
PHILLIP	69	20,860	65	19,682
GREECE	54	20,187	49	18,548
UNITED	52	18,610	11	3,796
ALGERIA	49	17,287	0	0
HONG KO	55	17,163	44	13,655
IRELAND	49	16,427	6	2,455
BRAZIL	38	14,412	1	233
SWITZER	34	14,375	16	5,270
BELGIUM	41	13,041	19	6,048
PORTUGA	35	11,593	9	3,713
BANGLAD	36	11,489	13	4,607
POLAND	35	11,132	0	0
TURKEY	28	10,061	9	3,883
VENEZUE	21	8,368	0	0
SALVADO	25	8,344	6	2,228
ECUADOR	23	8,035	0	0
MALAYSA	24	7,788	16	5,275
FRANCE	19	6,008	4	1,251
MOROCCO	16	5,547	0	184
SWEDEN	18	5,336	2	683
FINLAND	13	4,440	2	686
ZAIRE	14	4,351	0	30
MEXICO	12	4,098	1	360
ISRAEL	10	3,388	2	747
COSTA R	8	2,841	2	569
REP. SO	7	2,745	1	291
YUGOSLO	8	2,609	0	0
NETHERL	8	2,479	5	1,491
NORWAY	6	2,009	0	0
DENMARK	5	1,723	0	109
ARGENTI	5	1,705	0	44
INDIA	4	1,346	4	1,346
SINGAPO	2	663	2	630
PAKISTA	1	421	1	421
URUGUAY	1	171	0	0
SAN MAR	0	108	0	0
CHILE	0	104	0	104
TUNISIA	0	95	0	95
GUATEMA	0	53	0	0
ARAB EM	0	35	0	0
PANAMA	0	34	0	34
COLOMBI	0	7	0	0
TOTAL	4,822	$1,667,868	3,150	$1,114,049
3001550	COTTON OTH, 1-1/8 IN OR MORE--RBA			
SOUTH K	102	35,255	101	34,782
GREECE	63	25,037	29	10,299
WEST GE	57	22,394	11	4,387
ITALY	41	14,913	29	10,525
JAPAN	36	13,818	35	13,657
IRAQ	23	10,027	0	0
CANADA	29	9,615	0	0
YUGOSLO	12	6,488	1	701
INDONES	11	4,484	11	4,346
SWITZER	11	4,301	2	647
BANGLAD	10	3,861	10	3,861
THIALAN	10	3,691	10	3,691
UNITED	7	2,803	3	1,027
BELGIUM	8	2,698	5	1,502
ALGERIA	5	2,667	0	0
ECUADOR	7	2,475	0	0
SPAIN	5	2,292	5	2,292
INDIA	5	2,010	5	1,915
PORTUGA	5	1,745	4	1,332
VENEZUE	4	1,733	0	0
MEXICO	4	1,400	1	409
HONG KO	4	1,242	4	1,242
REP. SO	2	869	2	869
ISRAEL	2	820	2	751
FRANCE	2	789	2	763
CHILE	2	713	1	216
PAKISTA	1	526	1	526
NETHERL	2	505	0	134
IRELAND	1	432	1	406
TAIWAN	1	379	1	364
PHILLIP	1	369	1	369
COSTA R	1	338	0	0
SALVADO	1	305	1	305
SINGAPO	1	275	1	275
COLOMBI	0	233	0	233
TURKEY	1	238	1	238
FINLAND	0	194	0	194
ZAIRE	0	158	0	0
MOROCCO	0	157	0	0
TUNISIA	0	152	0	152
MALAYSA	0	47	0	0
ARGENTI	0	7	0	3
TOTAL	481	$182,451	281	$102,404
3003011	COTTON FELTING LINTER 1 TO 7--LB			
CANADA	4,124	698	0	0
JAPAN	3,737	655	3,737	655
UNITED	225	48	143	22
HONDURA	77	15	0	0
HAITI	42	10	0	0
TOTAL	8,203	$1,425	3,879	$677
3003021	COTTON LINTERS, OTHER		--LB	
JAPAN	41,525	6,195	41,525	6,195
WEST GE	17,868	3,560	1,492	337
MEXICO	12,123	2,632	127	17
BELGIUM	7,967	927	0	0
CANADA	4,930	796	0	0
EAST GE	3,302	705	835	194
SOUTH K	511	163	391	98
TAIWAN	409	148	277	129
UNITED	1,054	141	0	0
FRANCE	169	80	0	0
PANAMA	486	56	0	0
DOMINIC	43	30	0	0
GUATEMA	193	25	0	0
OTHER	44	9	0	0
TOTAL	90,624	$15,468	44,627	$6,960
1751500	COTTONSEED		--LB	
MEXICO	79,980	9,287	6,615	720
SPAIN	2,656	1,646	0	0
JAPAN	9,435	725	9,302	717
CANADA	2,150	430	0	0
IRAQ	877	472	0	0
COLOMBI	427	276	0	0
PORTUGA	588	211	0	0
ECUADOR	361	209	0	0
DOMINIC	205	135	0	0
GUATEMA	106	66	0	0
HONDURA	100	55	0	0
URUGUAY	49	17	0	0
TAIWAN	243	16	243	16
OTHER	13	4	0	0
TOTAL	97,190	$13,599	16,160	$1,454
1761820	COTTONSEED OIL, CRUDE		--LB	
MEXICO	15,673	4,092	55	16
NETHERL	3,872	920	0	0
CANADA	3,064	455	0	0
JAPAN	1,764	356	1,764	356
SOUTH K	1,102	288	1,102	288
TAIWAN	661	198	661	198
TOTAL	26,136	$6,309	3,582	$855

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1989

1761640 COTTONSEED OIL, ONCE-REFINED--LB

COUNTRY OF DESTINATION	CALENDAR YEAR 1989 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
VENEZUE	103,059	23,596	0	0
SALVADO	57,917	13,459	10,632	2,442
JAPAN	44,197	11,072	44,197	11,072
EGYPT	43,831	10,654	0	0
TURKEY	29,758	6,346	0	0
DOMINIC	6,385	1,623	0	0
SOUTH K	4,686	1,123	4,686	1,123
CANADA	2,260	502	0	0
REP. SO	2,204	467	0	0
NETHERL	2,051	455	0	0
MEXICO	1,225	291	0	0
GUATEMA	1,101	252	0	0
HONDURA	882	245	0	0
HONG KO	112	83	112	83
UNITED	69	14	0	0
PERU	31	5	0	0
OTHER	23	5	0	0
TOTAL	297,291	$70,194	59,629	$14,720

1761580 COTTONSEED SALAD OIL NT/RELF--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
EGYPT	21,353	5,271	0	0
SOUTH K	10,052	2,665	10,052	2,665
CANADA	4,981	1,353	0	0
JAPAN	1,464	378	1,464	378
MEXICO	999	304	981	300
ANTIGUA	59	16	0	0
HONG KO	29	16	29	16
NEW ZEL	34	15	34	15
INDONES	51	14	51	14
AUSTRAL	21	6	21	6
OTHER	2	2	0	0
TOTAL	38,943	$10,040	12,631	$3,394

1345240 COTTONSEED OIL CAKE AND MEAL--STN

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
MEXICO	50	5,644	1	120
NETHERL	4	453	0	0
COSTA R	1	294	0	0
CANADA	1	118	0	0
DOMINIC	0	12	0	0
TOTAL	56	$6,521	1	$120

1783540 COTTONSEED OIL, HYDROGENATED--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
SOUTH K	2,799	906	2,799	906
VENEZUE	1,763	427	0	0
CANADA	463	123	0	0
JAMAICA	238	76	0	0
NETHERL	94	70	0	0
WEST GE	39	63	0	0
MEXICO	231	62	200	54
AUSTRAL	35	38	2	2
SWITZER	20	23	0	0
TRINIDA	66	20	0	0
HONDURA	39	16	0	0
HONG KO	32	12	32	12
ITALY	20	6	0	0
OTHER	5	5	0	0
TOTAL	5,895	$1,852	3,033	$974

1769180 JOJOBA OIL, UNMIXED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	119	937	119	937
WEST GE	138	934	133	896
SWITZER	138	722	48	265
NETHERL	33	184	33	184
FRANCE	26	164	17	118
MEXICO	11	121	11	121
BELGIUM	13	108	13	108
UNITED	13	77	12	72
SOUTH K	6	55	6	55
AUSTRAL	15	37	15	37
BRAZIL	3	19	0	0
TAIWAN	3	13	3	13
CANADA	2	9	0	0
OTHER	0	2	0	0
TOTAL	520	$3,386	411	$2,814

1769150 SAFFLOWER SEED OIL, UNMIXED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
NETHERL	28,748	12,732	28,748	12,732
JAPAN	25,903	10,085	23,902	9,102
WEST GE	7,240	2,407	7,213	2,383
ARGENTI	1,442	385	76	44
REP. SO	400	238	33	20
AUSTRAL	299	180	255	154
CANADA	210	129	0	0
ISRAEL	107	76	107	76
PHILLIP	130	74	130	74
THIALAN	98	59	98	59
PORTUGA	74	54	74	54
INDONES	81	53	81	53
NEW ZEL	67	47	67	47
MEXICO	29	30	16	20
SWITZER	28	17	28	17
OTHER	3	2	0	0
TOTAL	64,858	$26,568	60,827	$24,835

1400520 LIMA BEANS,BABY --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	41,891	11,836	40,965	11,675
AUSTRAL	857	331	779	299
UNITED	631	307	475	225
NETHERL	781	249	664	207
CANADA	204	75	0	0
SOUTH K	195	61	195	61
REP. SO	78	34	78	34
HONG KO	39	19	39	19
NEW ZEL	39	14	39	14
SWITZER	39	13	39	13
ITALY	39	12	39	12
OTHER	22	7	5	2
TOTAL	44,815	$12,957	43,317	$12,560

1400560 LIMA BEANS,OTHER THAN BABY --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
UNITED	5,128	2,607	5,050	2,569
JAPAN	1,527	383	1,405	254
MAURITI	375	137	375	137
AUSTRAL	355	135	355	135
FRANCE	273	118	117	50
CANADA	284	94	0	0
REUNION	195	81	195	81
TAIWAN	507	62	507	62
NETHERL	157	50	118	31
PANAMA	156	44	0	0
N ANTIL	45	30	0	0
SPAIN	78	22	0	0
JAMAICA	45	20	45	20
HONG KO	39	12	39	12
SINGAPO	34	11	34	11
VENEZUE	30	10	0	0
OTHER	21	11	2	2
TOTAL	9,250	$3,828	8,242	$3,365

1401500 WHT BNS,NSPF,X SEEDS,DRD,ETC--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	1,901	306	429	111
AUSTRAL	1,236	277	1,044	237
WEST GE	887	192	31	7
MALAYSA	648	157	96	25
PHILLIP	390	102	390	102
FRENCH	227	80	227	80
NETHERL	303	61	0	0
CANADA	158	36	0	0
TAIWAN	277	31	38	5
UNITED	190	25	0	0
N ANTIL	39	18	0	0
BARBADO	67	15	0	0
SINGAPO	49	14	49	14
COSTA R	33	11	33	11
ANTIQUA	79	10	0	0
OTHER	16	4	7	2

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
TOTAL	6,487	$1,138	2,343	$594
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC--LB			
UNITED	23,600	5,839	1,579	583
CANADA	3,927	975	0	0
PANAMA	2,950	859	1,480	434
FRANCE	3,961	810	498	151
SALVADO	3,084	809	0	0
MEXICO	2,812	600	0	0
BELGIUM	2,277	585	60	24
ITALY	2,839	566	226	78
JAPAN	3,124	544	1,166	218
NETHERL	1,395	451	117	33
WEST GE	1,430	437	663	236
PORTUGA	1,794	421	1,674	401
TRINIDA	1,390	404	0	0
AUSTRAL	916	223	562	166
N ANTIL	579	214	0	0
MARTINI	647	201	0	0
JAMAICA	332	155	180	81
SWITZER	390	154	390	154
ANGOLA	441	123	0	0
FRENCH	345	118	0	0
VENEZUE	440	101	0	0
SWEDEN	357	89	117	35
YEMEN S	369	75	0	0
HONG KO	192	59	182	55
ARAB EM	213	54	174	45
COLOMBI	113	43	0	0
ANTIGUA	124	37	0	0
NEW ZEL	112	35	73	26
SAUDIA	113	33	0	0
GUADELO	79	32	0	0
NORWAY	60	29	0	0
MALAYSA	96	29	46	13
HONDURA	73	27	0	0
TAIWAN	156	20	80	12
ST. LUC	40	19	0	0
DOMONIC	55	16	0	0
BAHRAIN	46	16	46	16
YUGOSLO	39	15	0	0
LIBERIA	39	14	0	0
IRELAND	41	14	0	0
REP. SO	120	11	0	0
SPAIN	39	10	0	0
CAYMAN	25	10	0	0
COSTA R	15	8	15	8
HAITI	35	7	0	0
NEW CAL	15	7	15	7
ARUBA	14	7	0	0
SINGAPO	19	6	19	6
SOUTH K	48	6	48	6
KUWAIT	17	5	12	4
OTHER	20	7	0	0
TOTAL	66,781	$15,386	9,445	$2,789
1402920	BLACKEYE COW PEAS X SEED,DRY--LB			
HONG KO	1,482	431	1,482	431
ALGERIA	1,230	422	0	0
SPAIN	1,295	353	1,295	353
IRAQ	998	347	998	347
UNITED	1,265	343	1,226	332
PORTUGA	1,454	333	1,454	333
ARAB EM	1,037	293	1,037	298
INDIA	1,463	284	1,463	284
TRINIDA	717	199	0	0
ITALY	556	160	556	160
SINGAPO	546	143	546	143
CYPRUS	469	129	351	103
NETHERL	83	102	78	100
KUWAIT	352	99	352	99
SAUDIA	361	91	350	89
N ANTIL	166	70	0	0
GREECE	253	68	253	68
TAIWAN	232	60	204	43
FRANCE	196	55	118	30
CANADA	190	51	0	0
GHANA	91	38	0	0
ANTIGUA	122	33	0	0
BAHRAIN	98	32	78	26
AUSTRAL	130	32	130	32
LIBERIA	77	27	0	0
BELIZE	60	26	0	0
SWEDEN	78	24	78	24
ISRAEL	89	19	89	19
SWITZER	39	13	39	13
BELGIUM	39	10	39	10
MALAYSA	39	9	39	9
QATAR	39	9	39	9
BARBADO	20	6	0	0
OTHER	87	21	19	5
TOTAL	15,353	$4,338	12,315	$3,365
1401300	BEANS,NSPF,EX SEEDS,DRD,ETC --LB			
MOZAMBQ	19,917	4,602	0	0
VENEZUE	12,245	3,336	0	0
SALVADO	7,834	2,258	0	0
COLOMBI	6,779	1,895	0	0
FRANCE	6,147	1,880	156	39
ITALY	5,687	1,820	118	30
HONDURA	5,965	1,342	0	0
CANADA	2,821	997	0	0
JAPAN	5,765	778	1,911	331
ETHIOPI	4,781	743	0	0
AUSTRAL	2,218	646	150	51
UNITED	1,310	453	567	177
WEST GE	1,254	251	0	0
NETHERL	1,068	248	78	24
PORTUGA	770	232	516	153
TAIWAN	1,616	226	810	121
BELGIUM	590	192	0	0
NEW ZEL	595	182	300	94
SPAIN	649	142	39	11
MEXICO	216	93	181	78
ARAB EM	405	92	319	75
SOUTH K	202	88	0	0
PANAMA	306	83	46	22
REP. SO	338	82	0	0
HAITI	296	71	0	0
SWITZER	91	68	0	0
BELIZE	126	66	0	0
TRINIDA	213	61	0	0
SAUDIA	195	55	195	55
PHILLIP	173	55	173	55
BARBADO	117	48	0	0
COSTA R	160	46	0	0
TUNISIA	298	44	0	0
BAHAMAS	95	43	0	0
JAMAICA	104	43	45	21
GUADELO	164	41	0	0
GREECE	135	35	0	0
SWEDEN	96	30	39	12
ST. LUC	82	28	0	0
MALAYSA	109	26	23	6
BAHRAIN	77	25	77	25
DOMINIC	111	24	0	0
NORWAY	80	23	0	0
ST CHRI	30	21	0	0
ANGUILL	55	21	0	0
HONG KO	62	19	42	13
BERMUDA	25	16	0	0
FRENCH	43	14	43	14
KUWAIT	44	12	39	11
CYPRUS	39	12	39	12
THIALAN	13	6	13	6
ISRAEL	40	6	0	0
OTHER	6	3	0	0
TOTAL	92,556	$23,661	5,919	$1,441
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC --LB			
ST. LUC	309	120	0	0
PHILLIP	379	108	379	108
MEXICO	257	90	97	28
VENEZUE	675	76	0	0
CANADA	189	75	0	0
PANAMA	183	60	135	39
TAIWAN	331	50	0	0
JAPAN	314	43	35	8
FRENCH	75	35	0	0
SAUDIA	157	29	78	21

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1985

COUNTRY OF DESTINATION	CALENDAR YEAR 1985 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
UNITED	91	26	91	26
PORTUGA	78	25	78	25
SPAIN	78	24	39	12
TRINIDA	117	22	0	0
JAMAICA	39	20	0	0
NEW ZEL	68	18	68	18
BARBADO	50	16	0	0
ANTIGUA	49	16	0	0
GUATEMA	40	13	0	0
ITALY	44	12	39	8
ISRAEL	39	11	39	11
AUSTRAL	39	10	39	10
NETHERL	22	9	0	0
COSTA R	24	9	24	9
N ANTIL	8	5	0	0
OTHER	104	23	4	2
TOTAL	3,759	$948	1,146	$325
1203120	LADINO CLOVER SEED		--LB	
ITALY	223	403	146	223
CANADA	207	217	0	0
JAPAN	109	168	72	142
SWITZER	75	147	75	147
BRAZIL	17	23	17	23
PORTUGA	11	11	5	3
REP. SO	7	8	0	0
AUSTRAL	5	5	0	0
TOTAL	654	$1,003	315	$538
1305000	RICE, PADDY OR ROUGH		--LB	
SPAIN	133,222	11,134	25,434	2,400
VENEZUE	83,775	7,011	0	0
JAMAICA	22,753	2,569	0	0
ITALY	28,999	2,152	25,350	1,796
MEXICO	315	75	815	75
CANADA	572	68	0	0
WEST GE	451	42	198	15
AUSTRIA	419	39	0	0
FRANCE	332	31	282	26
SWITZER	235	22	235	22
GUATEMA	90	21	0	0
KUWAIT	226	21	226	21
UNITED	94	9	54	5
DENMARK	82	8	82	8
HONG KO	71	7	71	7
OTHER	17	2	0	0
TOTAL	277,251	$23,208	52,746	$4,376
1305540	RICE, HUSKED, BROWN, MED. GRAIN--LB			
CANADA	36,329	3,899	0	0
JAMAICA	6,341	814	0	0
SOLOMON	6,614	728	6,614	728
PHILLIP	5,757	303	0	0
UNITED	433	127	373	121
ST. LUC	328	111	0	0
THIALAN	339	36	339	36
BELIZE	160	26	0	0
FRANCE	131	26	131	26
BELGIUM	78	25	78	25
TURKS &	44	11	0	0
HAITI	34	9	0	0
MEXICO	45	8	0	0
DENMARK	20	8	20	8
SWEDEN	41	8	0	0
OTHER	102	17	40	5
TOTAL	56,825	$6,156	7,595	$948
1305560	RICE, HUSKED, BRWN, SHORT GRAIN--LB			
ISRAEL	881	137	881	137
SWEDEN	162	50	117	47
UNITED	481	39	0	0
NETHERL	427	35	427	35
AUSTRIA	110	21	105	19
LIBERIA	45	15	0	0
MEXICO	60	8	0	0
WEST GE	12	5	0	0
OTHER	89	7	0	0
TOTAL	2,268	$316	1,529	$237
1305580	RICE, HUSKED, BRWN, MIXED GRAIN--LB			
CANADA	1,462	126	0	0
	1,359	121	1,359	121
MEXICO	455	53	49	10
UNITED	593	48	111	9
SWEDEN	46	38	46	38
AUSTRIA	115	36	115	36
	132	28	0	0
GUATEMA	135	20	0	0
FRANCE	139	11	0	0
ARUBA	58	10	0	0
OTHER	91	14	33	5
TOTAL	4,591	$507	1,713	$219
1313040	MD RICE, MD GRN, X PRBL, NT DON--LB			
PHILLIP	246,516	31,940	211,905	27,268
JORDAN	180,141	21,036	180,141	21,036
IRAQ	82,095	14,098	82,095	14,098
TURKEY	127,866	13,865	127,866	13,865
INDONES	76,727	9,698	76,727	9,698
SPAIN	26,522	3,693	735	172
MALI	22,000	3,065	0	0
NEW GUI	21,377	2,816	21,377	2,816
CANADA	12,209	2,489	0	0
BAHAMAS	4,576	1,527	0	0
SIERRA	9,762	1,353	0	0
	7,040	1,065	7,040	1,065
SINGAPO	5,492	1,044	5,492	1,044
HAITI	5,140	1,038	0	0
KUWAIT	4,589	937	4,589	937
REP. SO	7,153	856	193	36
SAUDIA	4,198	852	4,198	852
BELGIUM	8,237	771	8,068	740
	3,879	770	1,730	358
HONG KO	3,289	619	3,289	619
ITALY	6,915	589	6,915	589
WEST GE	3,174	515	2,100	389
SWEDEN	3,974	498	2,398	325
ARAB EM	1,882	370	1,882	370
NETHERL	1,462	305	1,167	248
CAYMAN	944	213	48	8
UNITED	804	185	462	103
NORWAY	929	160	803	130
IVORY C	232	58	0	0
GUATEMA	320	56	0	0
TURKS &	190	45	75	9
DENMARK	220	39	220	39
COLOMBI	173	35	0	0
AUSTRAL	134	34	134	34
LIBERIA	92	29	0	0
FRANCE	127	26	127	26
BELIZE	95	24	0	0
MEXICO	109	24	72	17
SWITZER	77	23	38	11
PANAMA	122	23	0	0
ARUBA	90	23	0	0
JAPAN	98	21	98	21
NEW ZEL	78	20	39	11
SOUTH K	76	15	76	15
YEMEN S	85	14	85	14
	90	14	90	14
JAMAICA	88	13	0	0
DOMINIC	44	12	0	0
FINLAND	88	11	88	11
TONGA	53	11	53	11
GUADELO	40	10	0	0
ARGENTI	37	9	0	0
TRINIDA	41	8	0	0
BAHRAIN	40	8	40	8
N ANTIL	44	8	0	0
OTHER	49	13	29	7
TOTAL	881,826	$116,939	752,485	$97,010

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
1313050	HD RICE,SH GRN,X PRBL,NT DON--LB			
CANADA	3,522	544	0	0
UNITED	1,014	224	860	183
SWEDEN	784	172	747	165
NETHERL	751	143	751	143
TAIWAN	602	142	602	142
FRANCE	460	119	441	110
ARAB EM	200	42	200	42
KUWAIT	164	40	164	40
AUSTRAL	177	35	177	35
BELGIUM	137	33	99	25
JAPAN	140	28	140	28
REP. SO	75	19	75	19
NORWAY	23	16	23	16
PHILLIP	46	8	46	8
SPAIN	39	7	39	7
WEST GE	34	7	34	7
SINGAPO	31	6	31	6
OTHER	62	15	39	8
TOTAL	8,381	$1,707	4,468	$989
1313060	HD RICE,MX GRN,X PRBL,NT DON--LB			
HAITI	3,614	752	0	0
CANADA	4,901	735	0	0
	1,097	240	61	10
NETHERL	3,020	202	39	11
	1,229	199	1,229	199
GHANA	337	113	0	0
JAPAN	599	88	599	88
REP. SO	36	39	0	0
SAUDIA	168	27	168	27
INDIA	44	21	0	0
ANGOLA	122	18	0	0
TURKS &	60	17	0	0
ST. LUC	54	16	0	0
MEXICO	65	13	65	13
CHILE	44	13	0	0
PANAMA	96	9	0	0
	39	7	39	7
OTHER	40	10	7	2
TOTAL	16,096	$2,519	2,208	$359
1313070	BROKEN RICE, NOT DONATED --LB			
SENEGAL	72,642	5,418	0	0
COSTA R	23,326	3,607	0	0
GAMBIA	30,440	2,198	0	0
DOMINIC	14,661	998	0	0
CANADA	3,718	737	0	0
VENEZUE	6,613	677	0	0
ITALY	6,734	430	0	0
HAITI	1,190	263	0	0
NETHERL	1,643	194	0	0
IRELAND	1,368	138	0	0
UNITED	1,082	109	0	0
PANAMA	232	31	0	0
TONGA	111	9	111	9
OTHER	69	7	0	0
TOTAL	163,829	$14,816	111	$9
1313080	RICE,MILLED,NSPF,NT DONATED --LB			
REP. SO	61	68	0	0
HAITI	230	53	0	0
CANADA	163	25	0	0
COSTA R	222	23	0	0
UNITED	7	8	0	0
TOTAL	682	$177	0	$0
1756020	SAFFLOWER SEED --LB			
JAPAN	70,205	7,605	69,351	7,477
CANADA	11,882	976	0	0
MEXICO	3,028	280	613	58
TAIWAN	571	100	0	0
ARGENTI	191	64	177	52
FRENCH	331	25	331	25
CHILE	13	15	0	0
AUSTRIA	64	15	0	0
DENMARK	119	9	0	0
AUSTRAL	20	9	20	9
COSTA R	21	7	0	0
PHILLIP	32	5	0	0
TOTAL	86,476	$9,111	70,498	$7,622
1313010	RICE, DONATED FOR RELIEF --LB			
LIBERIA	20,625	2,734	0	0
MALI	15,127	2,096	0	0
GUINEA	15,037	2,053	0	0
GAMBIA	13,479	2,028	0	0
CHILE	13,228	1,652	0	0
SALVADO	10,991	1,590	0	0
TANZANI	11,022	1,515	0	0
MADAGAS	7,855	1,164	0	0
PERU	6,456	859	0	0
INDONES	4,018	484	4,018	484
GUATEMA	3,597	437	0	0
GHANA	1,696	241	0	0
HONDURA	1,617	220	0	0
ISRAEL	1,395	184	0	0
ECUADOR	854	127	0	0
ETHIOPI	1,350	121	0	0
WEST GE	851	80	851	80
SEYCHEL	479	70	0	0
JAMAICA	293	49	0	0
SENEGAL	255	22	0	0
SPAIN	103	14	103	14
BELGIUM	87	14	87	14
NETHERL	83	12	83	12
SWEDEN	43	6	43	6
NICARAG	40	5	0	0
OTHER	44	4	44	4
TOTAL	132,618	$17,783	5,230	$615
1841040	RICE BY-PRODUCTS,ANIMAL FEED--STN			
NETHERL	18	1,577	0	0
JAPAN	10	684	10	671
MEXICO	6	368	5	326
TAIWAN	1	122	1	97
CANADA	2	95	0	0
UNITED	0	26	0	0
HAITI	0	24	0	0
BELGIUM	0	22	0	0
WEST GE	0	19	0	0
FINLAND	0	17	0	0
HONDURA	0	8	0	0
BERMUDA	0	7	0	0
OTHER	0	4	0	2
TOTAL	39	$2,974	16	$1,097
1306520	WHEAT,UNMILLED,DONATED --BU			
ETHIOPI	7,369	28,039	0	0
BANGLAD	3,355	14,612	0	0
MOROCCO	2,425	9,668	0	0
GUATEMA	1,037	3,604	0	0
INDONES	602	2,730	0	0
INDIA	718	2,638	0	0
MEXICO	605	2,501	0	0
FIJI	500	1,866	0	0
KENYA	418	1,553	0	0
PHILLIP	367	1,548	0	0
GHANA	234	825	0	0
MALAWI	231	748	0	0
PAKISTA	195	727	0	0
COSTA R	193	572	0	0
CHILE	117	528	0	0
TRINIDA	133	485	0	0
ZIMBABW	124	401	0	0
UPPER V	92	389	0	0
TOGO	57	246	0	0
TOTAL	18,774	$73,680	0	$0

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1985

COUNTRY OF DESTINATION	CALENDAR YEAR 1985 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
1306540	WHEAT,UNMILLED,NOT DONATED	--BU		
USSR	293,752	750,323	1,156	3,244
CHINA M	242,221	697,838	0	0
JAPAN	107,321	425,510	7	16
EGYPT	101,216	362,917	0	0
SOUTH K	75,082	286,127	0	0
INDIA	65,948	221,036	0	0
ALGERIA	55,610	173,901	0	0
MOROCCO	45,712	141,021	0	0
TAIWAN	30,442	123,345	4	9
PAKISTA	28,095	124,483	0	0
PHILLIP	35,485	118,281	0	0
IRAQ	32,888	112,086	0	0
MEXICO	30,360	94,472	4,725	13,717
POLAND	33,255	90,142	0	0
VENEZUE	16,652	72,228	0	0
SRI LAN	13,818	67,574	0	0
TUNISIA	22,311	62,003	0	0
PERU	15,243	61,552	0	0
BANGLAD	15,391	60,281	4,541	17,974
ISRAEL	14,096	55,226	0	0
ITALY	12,031	51,766	579	2,627
ECUADOR	14,047	49,949	0	0
COLOMBI	13,087	43,685	1,588	4,215
SAUDIA	5,131	38,199	3,530	31,546
DOMINIC	3,116	32,910	0	0
BELGIUM	6,605	27,601	0	0
SUDAN	7,219	25,679	0	0
YEMEN S	6,677	21,531	0	0
INDONES	5,454	21,228	2,604	10,287
SALVADO	5,089	20,392	0	0
ZAIRE	5,552	20,027	0	0
BOLIVIA	4,537	19,760	2,249	9,608
COSTA R	4,447	19,387	2	10
HONG KG	4,638	18,217	0	0
JAMAICA	4,778	18,194	0	0
HAITI	4,495	18,179	0	0
GUATEMA	3,926	17,736	1	3
FINLAND	4,410	14,350	0	0
BULGARI	5,667	14,212	0	0
THIALAN	3,501	13,303	0	0
PANAMA	2,922	12,063	0	0
HONDURA	3,417	11,933	0	0
KENYA	2,623	9,963	579	1,984
TRINIDA	2,184	7,488	0	0
JORDAN	1,562	6,340	18	43
MALAYSA	1,606	6,317	0	0
SINGAPO	1,321	5,786	0	0
BENIN	2,230	5,765	0	0
MOZAMBQ	1,548	5,564	0	0
GUYANA	1,416	5,265	0	0
PORTUGA	1,335	5,165	0	0
TOGO	1,192	3,989	0	0
EAST GE	1,268	3,981	0	0
GHANA	1,228	3,816	0	0
CHILE	687	3,811	283	1,871
CYPRUS	917	3,570	0	0
MALAWI	996	3,541	0	0
SURINAM	763	3,435	0	0
NORWAY	1,014	3,420	0	0
CO BRAZ	788	3,216	0	0
S VN GR	720	3,115	0	0
SWAZILA	708	3,113	0	0
ZAMBIA	627	2,418	0	0
N ANTIL	504	2,313	0	0
SENEGAL	1,200	2,268	0	0
SPAIN	841	2,107	1	22
BARBADO	557	2,101	0	0
BELIZE	476	1,997	0	0
MALTA	451	1,898	0	0
NETHERL	453	1,683	0	0
CANADA	354	1,532	0	0
LIBERIA	527	1,473	0	0
GRENADA	278	1,252	0	0
MAURITA	245	1,120	0	0
WEST GE	302	1,075	0	0
GABON	363	1,032	0	0
SIERRA	244	1,000	0	0
MADAGAS	300	959	0	0
ST CHRI	220	913	0	0
NIGER	219	721	0	0
UNITED	115	537	0	0
CAMROON	76	192	0	0
SWITZER	24	86	0	0
GREECE	6	43	6	43
FRENCH	11	33	11	33
SWEDEN	10	32	0	0
BAHAMAS	2	9	0	0
OTHER	1	2	0	0
TOTAL	1,456,151	$4,761,595	21,883	$97,255
1314030	WHEAT FLOUR,NSPF, DONATED	--CWT		
ETHIOPI	853	5,851	0	0
PERU	1,221	4,910	0	0
BOLIVIA	1,476	4,046	0	0
MOROCCO	1,592	1,828	0	0
SUDAN	470	743	0	0
ISRAEL	67	622	0	0
PHILLIP	66	557	54	442
TUNISIA	55	456	0	0
LESOTHO	52	452	0	0
GHANA	56	450	0	0
CAMROON	32	374	0	0
CHILE	28	206	0	0
JORDAN	16	150	0	0
HONDURA	13	127	0	0
GUATEMA	8	111	0	0
RWANDA	7	64	0	0
EGYPT	6	53	0	0
MAURITI	400	33	0	0
MEXICO	0	19	0	0
N ANTIL	1	9	0	0
	1	6	1	4
TOTAL	6,420	$21,075	55	$446
1314040	WHEAT FLOUR,NSPF NT DONATED	--CWT		
EGYPT	14,515	113,711	0	0
SUDAN	882	7,935	0	0
YEMEN S	1,432	7,107	0	0
JAMAICA	660	7,095	0	0
HAITI	450	5,985	0	0
CAMROON	590	5,545	0	0
ISRAEL	254	2,612	0	0
TANZANI	220	2,097	0	0
JAPAN	392	2,022	2	54
ZAIRE	271	1,414	0	0
BENIN	121	893	0	0
BOLIVIA	102	890	0	0
SYRIA	60	638	0	0
MAURITI	89	630	0	0
LEBANON	43	485	0	0
	20	357	0	0
	20	262	11	141
PERU	25	253	0	0
CANADA	29	180	0	0
ICELAND	17	173	0	0
NETHERL	19	168	0	0
AUSTRIA	33	164	0	0
ST. LUC	14	135	0	0
N ANTIL	8	132	0	0
ARUBA	7	120	0	0
ARAB EM	9	117	0	0
COLOMBI	7	115	0	0
INDIA	15	113	0	0
PHILLIP	13	101	13	101
BARBADO	12	100	0	0
TRINIDA	14	100	0	0
BAHAMAS	6	94	0	0
BRAZIL	12	60	0	0
ANTIQUA	4	49	0	0
FRANCE	3	49	0	30
	3	47	2	39
CAYMAN	2	39	0	0
JORDAN	2	38	0	0
ETHIOPI	4	35	0	0
NIGERIA	15	33	0	0
QATAR	2	31	0	0
DOMINIC	4	30	0	0
PANAMA	3	29	0	0
ANGUILL	1	27	0	0
AUSTRAL	2	26	2	26
MEXICO	5	24	3	14
TURKS &	1	20	1	9
BAHRAIN	1	19	0	0
GUADELO	2	19	0	0

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
SINGAPO	2	13	2	13
COOK IS	1	11	0	0
SPAIN	2	9	0	0
KUWAIT	1	5	0	0
TAIWAN	0	3	0	3
SOUTH K	0	8	0	8
FAROE I	0	7	0	0
ST CHRI	1	5	0	0
PORTUGA	0	5	0	0
URUGUAY	1	5	0	0
OTHER	2	15	0	0
TOTAL	20,415	$162,417	37	$449
1314020	DRM FLR 3 SEMOLINA,NT DNATED--CWT			
HAITI	332	4,603	0	0
ALGERIA	133	1,346	0	0
EGYPT	66	387	0	0
ST. LUC	27	351	0	0
N ANTIL	22	342	0	7
JAMAICA	20	315	0	0
ISRAEL	19	193	0	0
JAPAN	15	176	13	147
DOMINIC	11	153	0	0
ANGUILL	9	92	0	0
PERU	9	85	0	0
COLOMBI	3	77	0	0
ARUBA	3	73	0	0
PANAMA	6	62	0	0
ICELAND	3	58	0	0
BARBADO	4	55	0	0
CANADA	4	45	0	0
FRANCE	4	44	0	0
NETHERL	3	43	0	0
BELIZE	2	36	0	0
MEXICO	2	32	1	13
ITALY	3	31	0	0
MARTINI	1	26	0	0
B VIRGN	2	25	0	0
GUADELO	1	23	0	0
CHILE	2	19	0	0
PHILLIP	1	15	0	0
COSTA R	1	11	0	0
	1	11	1	11
ST CHRI	1	10	0	0
DOMONIC	0	9	0	0
OTHER	8	26	0	4
TOTAL	766	$3,815	16	$182
1314050	BULGUR WHEAT, DONATED	--CWT		
INDIA	1,388	11,979	365	3,506
ETHIOPI	141	7,497	0	0
BOLIVIA	380	2,496	0	0
HAITI	240	2,385	0	0
INDONES	183	1,461	104	835
PHILLIP	140	1,292	128	1,188
GUATEMA	83	701	0	0
LEBANON	78	662	0	0
PERU	57	552	0	0
DOMINIC	46	411	0	0
GHANA	38	359	0	0
LESOTHO	40	334	0	0
TOGO	34	283	0	0
SIERRA	25	212	0	0
TANZANI	9	77	0	0
TUNISIA	4	31	0	0
EGYPT	4	27	0	0
N ANTIL	1	16	0	0
BERMUDA	1	12	0	0
TOTAL	2,896	$30,687	597	$5,527
1314060	BULGUR WHEAT,NOT DONATED	--CWT		
JAMAICA	27	247	0	0
COLOMBI	2	16	0	0
HAITI	0	8	0	0
LIBERIA	1	7	0	0
CANADA	1	6	0	0
DOMINIC	0	6	0	0
MALAYSA	0	5	0	5

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
TOTAL	32	$294	0	$5
1314090	WHEAT,MILLED,NSPF		--CWT	
CHINA M	106	454	0	0
CANADA	9	33	0	0
JAPAN	5	18	0	2
DOMINIC	4	16	0	0
TRINIDA	4	16	0	0
MEXICO	3	12	0	0
OTHER	2	6	0	0
TOTAL	132	$554	0	$2
1841020	WHEAT BY-PRODCTS,ANIMAL FEED--STN			
JAPAN	7	500	7	598
MEXICO	3	248	0	36
PHILLIP	0	24	0	24
REP. SO	0	12	0	0
BRAZIL	0	12	0	0
GUADELO	0	8	0	0
TAIWAN	0	5	0	2
OTHER	0	11	0	4
TOTAL	11	$920	8	$664
1451200	ALMONDS,NOT SHLLD OR ROASTED--LB			
INDIA	11,769	10,853	11,769	10,853
JAPAN	2,600	3,183	2,538	3,114
NETHERL	2,637	1,958	2,637	1,958
WEST GE	1,474	1,598	1,043	1,034
CANADA	1,281	1,368	0	0
PHILLIP	1,410	1,153	1,336	1,163
FRANCE	1,472	836	1,429	814
MEXICO	537	626	15	13
JORDAN	621	589	621	589
ARAB EM	597	575	597	575
TAIWAN	385	560	346	535
SINGAPO	370	391	370	391
ISRAEL	344	320	299	279
UNITED	354	288	354	288
SAUDIA	320	267	54	61
KUWAIT	146	153	146	153
VENEZUE	83	153	69	134
ITALY	220	120	220	120
IRELAND	66	115	66	115
HONG KO	126	114	87	88
BELGIUM	150	110	150	110
NEW ZEL	58	70	58	70
SWITZER	85	69	77	60
GREECE	42	61	42	61
DOMINIC	25	51	0	0
SWEDEN	35	41	35	41
EGYPT	24	40	24	40
SOUTH K	39	28	0	0
ARGENTI	42	25	42	25
BRAZIL	44	22	44	22
MALTA	15	11	15	11
QATAR	8	8	8	6
BAHRAIN	8	7	8	7
BERMUDA	3	6	0	0
PANAMA	5	6	0	0
TOTAL	27,396	$25,840	24,510	$22,763
1454300	ALMONDS,SHELLED,NOT BLANCHED--LB			
WEST GE	89,573	120,180	67,033	90,551
JAPAN	36,977	55,085	36,973	55,081
USSR	34,611	46,843	34,611	46,846
UNITED	20,750	30,610	18,969	27,879
FRANCE	20,973	29,617	20,586	29,074
SPAIN	13,777	18,821	9,808	13,475
NETHERL	13,074	18,369	11,689	16,430
SWITZER	11,750	16,940	11,289	16,346
SWEDEN	9,671	13,249	8,975	12,741
ITALY	8,662	11,793	6,635	9,073
CANADA	5,136	9,038	0	0

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
NORWAY	5,637	8,114	5,405	7,305
TAIWAN	5,328	7,756	5,103	7,714
DENMARK	5,150	6,543	4,900	6,212
SOUTH K	3,977	5,168	3,977	6,168
BELGIUM	3,739	5,263	3,327	4,623
ISRAEL	2,588	3,917	2,522	3,807
ARAB EM	2,440	3,786	2,440	3,786
AUSTRAL	2,093	3,109	2,053	3,073
SINGAPO	1,892	2,894	1,892	2,894
GREECE	1,642	2,477	1,367	1,986
SAUDIA	1,202	1,816	1,145	1,735
FINLAND	1,213	1,787	1,146	1,680
AUSTRIA	1,061	1,606	859	1,255
MEXICO	961	1,346	7	16
JORDAN	626	949	626	949
KUWAIT	617	919	617	919
TUNISIA	657	913	657	913
HONG KO	704	890	704	890
REP. SO	462	754	462	754
LEBANON	477	735	35	53
INDIA	656	691	656	691
NEW ZEL	400	627	400	627
CYPRUS	373	552	136	202
VENEZUE	261	410	86	165
MALAYSA	271	407	271	407
CHILE	223	328	157	244
TURKEY	212	324	0	0
BAHRAIN	214	294	214	294
SYRIA	143	232	0	0
PORTUGA	167	220	167	220
EGYPT	111	203	45	75
ARGENTI	109	174	109	174
NEPAL	111	172	111	172
QATAR	71	111	71	111
COLOMBI	62	99	0	0
IRAQ	63	92	63	92
INDONES	51	82	51	82
TRINIDA	44	80	0	0
MALTA	30	48	30	48
COSTA R	26	47	25	45
FIJI	24	42	24	42
	273	41	273	41
URUGUAY	20	33	20	33
DOMINIC	26	28	2	2
PHILLIP	12	27	12	27
N ANTIL	12	12	1	3
JAMAICA	6	9	0	0
BRAZIL	3	9	3	9
SRI LAN	4	7	4	7
OTHER	8	11	3	6
TOTAL	311,434	$437,703	268,758	$378,548

1456100 ALMONDS, PREPARED, PRESERVED--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
WEST GE	23,974	37,188	14,215	22,133
JAPAN	14,607	24,204	14,574	24,148
FRANCE	8,765	13,586	8,516	13,214
UNITED	7,745	12,190	7,689	12,104
NETHERL	4,536	7,610	4,396	7,407
SWITZER	2,873	5,080	2,827	5,003
CANADA	2,099	4,291	0	0
TAIWAN	1,274	2,202	1,272	2,197
SINGAPO	1,380	2,180	1,380	2,180
BELGIUM	1,284	1,961	1,242	1,871
SAUDIA	1,162	1,733	1,162	1,733
ITALY	859	1,264	397	610
AUSTRAL	708	1,225	708	1,225
FINLAND	580	1,010	580	1,010
REP. SO	390	706	390	706
ARAB EM	426	671	426	671
NORWAY	368	653	368	653
SWEDEN	317	576	317	576
AUSTRIA	317	559	317	559
HONG KO	213	476	213	476
SPAIN	294	461	294	461
MEXICO	702	453	14	24
KUWAIT	224	402	224	402
GREECE	242	380	242	380
PORTUGA	245	365	215	311
ISRAEL	168	279	168	279
SOUTH K	146	253	146	253
NEW ZEL	89	180	89	180
INDONES	88	168	88	168
JORDAN	111	164	111	164
BAHRAIN	75	136	65	112
PANAMA	61	127	33	65
THIALAN	53	125	53	125
MALAYSA	70	112	70	112
PHILLIP	43	90	43	90
INDIA	49	82	29	39
ARGENTI	37	76	15	35
BRAZIL	59	69	59	69
DENMARK	35	65	35	65
LEBANON	38	57	0	0
DOMINIC	65	43	0	0
GIBRALT	11	28	11	28
VENEZUE	10	26	1	4
URUGUAY	10	20	10	20
FRENCH	7	17	7	17
PARAGUA	8	10	0	0
ECUADOR	33	10	30	4
BRUNEI	3	9	3	9
BAHAMAS	2	6	0	0
NEPAL	2	5	2	5
OTHER	11	25	2	4
TOTAL	76,872	$123,586	63,052	$101,900

1461000 APPLES, FRESH --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
TAIWAN	152,348	31,744	3,575	1,063
CANADA	103,837	24,671	0	0
HONG KO	74,461	15,911	1,946	400
UNITED	40,178	9,026	498	104
SINGAPO	31,813	7,809	5,793	1,382
SWEDEN	34,457	6,421	9,560	1,791
MALAYSA	23,150	5,713	3,348	826
SAUDIA	30,281	5,336	0	0
FINLAND	21,363	4,094	5,893	1,161
THIALAN	12,978	3,943	264	99
NORWAY	19,092	3,141	2,371	456
MEXICO	16,746	2,892	11,371	1,944
PHILLIP	9,334	2,450	467	140
ARAB EM	13,406	2,347	732	145
COLOMBI	10,167	1,973	0	0
NETHERL	9,828	1,709	163	33
PANAMA	4,331	1,238	0	0
ICELAND	3,579	954	9	2
IRELAND	3,860	939	0	0
NEW ZEL	3,536	860	0	0
COSTA R	2,962	737	0	0
N ANTIL	2,058	647	0	0
DOMINIC	1,869	474	0	0
HONDURA	1,768	395	0	0
SALVADO	670	293	0	0
WEST GE	1,189	256	0	0
HAITI	1,117	244	0	0
ARUBA	886	211	0	0
BAHAMAS	621	205	0	0
KUWAIT	843	195	99	20
FRENCH	806	191	806	181
BAHRAIN	655	144	48	9
JAPAN	368	112	23	5
BERMUDA	345	109	0	0
BRAZIL	466	100	0	0
CAYMAN	272	94	0	0
BELGIUM	468	86	152	31
ANTIQUA	264	72	0	0
NEW CAL	206	71	44	15
DENMARK	209	49	0	0
BELIZE	165	49	0	0
QATAR	305	44	0	0
FRENCH	149	35	0	0
GUINEA	76	33	0	0
ST. LUC	168	26	0	0
GUADELO	100	23	0	0
SOUTH K	70	20	34	8
FRANCE	72	17	0	0
ST CHRI	50	16	0	0
WEST SA	66	15	66	15
VENEZUE	70	14	0	0
JAMAICA	48	14	43	12
S VN GR	47	13	0	0
AUSTRAL	52	12	52	12
SWITZER	47	11	0	0
GRENADA	39	11	0	0
FIJI	53	10	53	10
TRINIDA	28	8	0	0
BARBADO	25	7	0	0

--CONTINUED ON NEXT PAGE--

TABLE 5. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
MARTINI	20	6	0	0
OTHER	15	4	0	0
TOTAL	639,453	$138,241	47,383	39,865

1502200 APRICOTS PEACHES PEARS DRIED--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	450	1,352	450	1,352
SWITZER	370	393	362	884
CANADA	459	471	34	21
MEXICO	463	445	236	159
WEST GE	156	161	149	166
NEW ZEL	137	170	137	170
NETHERL	45	162	34	126
AUSTRAL	77	57	57	44
UNITED	81	57	81	57
PANAMA	30	24	11	9
PHILLIP	10	21	10	21
SINGAPO	19	13	19	13
FRANCE	13	12	13	12
HONG KO	2	9	2	9
SAUDIA	8	3	3	8
KUWAIT	2	6	2	5
PAKISTA	19	5	19	5
OTHER	16	17	5	8
TOTAL	2,343	$3,905	1,629	$3,071

1511000 APRICOTS, PREP OR PRESERVED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	543	383	543	383
CANADA	397	177	0	0
KUWAIT	157	86	33	20
SAUDIA	144	84	34	21
NETHERL	107	52	107	52
AUSTRAL	115	49	115	49
FRANCE	102	45	0	0
NORWAY	48	45	37	40
SOUTH K	76	43	51	32
BARBADO	79	34	0	0
UNITED	52	33	52	33
QATAR	35	15	13	5
INDONES	20	12	20	12
BELGIUM	16	10	0	0
MEXICO	20	8	20	8
NEW ZEL	3	7	3	7
SWITZER	3	6	3	6
GUATEMA	6	6	0	0
BAHAMAS	11	5	0	0
ARAB EM	8	5	8	5
OTHER	42	23	29	17
TOTAL	1,986	$1,127	1,068	$691

1453500 AVOCADOS, FRESH --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	6,142	4,533	5,882	4,370
FRANCE	6,960	4,177	339	234
UNITED	4,036	2,375	735	620
CANADA	2,978	2,077	53	36
NETHERL	3,040	1,844	288	219
SWEDEN	2,258	1,400	625	507
SWITZER	637	461	20	7
WEST GE	863	426	161	82
BELGIUM	171	87	123	64
ITALY	62	47	33	24
PANAMA	65	46	0	0
HONG KO	21	30	21	30
FINLAND	42	24	0	0
REP. SO	23	16	0	0
AUSTRIA	29	14	0	0
TAIWAN	18	8	18	8
OTHER	15	12	6	6
TOTAL	27,364	$17,577	8,354	$6,207

1468520 CHERRIES, SWEET, FRESH --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
JAPAN	30,752	38,748	19,563	27,566
CANADA	13,007	7,085	316	183
UNITED	4,211	4,431	1,059	1,165
HONG KO	2,714	2,525	1,498	1,519
TAIWAN	1,080	1,043	574	632
SWEDEN	830	841	179	167
WEST GE	929	490	23	45
FINLAND	342	281	55	35
SOUTH K	162	155	62	47
THIALAN	192	155	144	109
FRANCE	93	100	52	71
SINGAPO	125	95	76	70
NORWAY	59	84	10	19
MEXICO	158	82	79	57
NETHERL	62	59	0	0
ISRAEL	39	33	0	0
SPAIN	37	31	0	0
KUWAIT	33	22	33	22
MALAYSA	24	12	5	3
SWITZER	5	6	0	0
OTHER	17	14	6	8
TOTAL	54,905	$56,293	23,743	$31,719

1504500 DATES, DRIED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
FRANCE	4,439	3,024	4,439	3,024
AUSTRAL	1,153	1,183	1,153	1,183
CANADA	1,073	1,083	104	46
SPAIN	573	440	573	440
NETHERL	388	357	337	311
SWITZER	338	349	332	341
SINGAPO	137	160	119	146
NEW ZEL	133	135	133	135
UNITED	58	120	47	102
WEST GE	68	103	54	91
INDONES	52	77	52	77
BRAZIL	48	72	48	72
MALAYSA	36	49	36	49
REP. SO	27	36	27	36
SWEDEN	24	31	24	31
NORWAY	27	27	0	0
N ANTIL	14	24	0	0
MEXICO	15	19	0	0
HONG KO	42	17	42	17
JAPAN	16	16	16	16
PHILLIP	15	10	15	10
PANAMA	5	10	5	10
BRUNEI	38	7	38	7
DOMINIC	2	7	0	0
BOLIVIA	5	7	0	0
OTHER	18	20	2	2
TOTAL	9,743	$7,385	7,597	$6,143

1505200 FIGS, DRIED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
HONG KO	574	722	574	722
CANADA	962	368	46	25
SWITZER	147	129	147	129
JAPAN	60	120	60	120
SINGAPO	36	104	36	104
NEW ZEL	107	53	107	53
UNITED	32	39	32	39
AUSTRAL	25	35	25	35
TURKEY	36	23	0	0
FRANCE	58	18	58	18
ARUBA	24	12	0	0
BERMUDA	16	9	0	0
DOMINIC	2	7	0	0
PANAMA	20	6	20	6
OTHER	45	14	25	8
TOTAL	2,142	$1,660	1,129	$1,260

1476500 GRAPES, FRESH --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	162,484	64,154	254	224
HONG KO	34,315	15,638	33,563	15,327
TAIWAN	26,259	11,352	22,575	9,910
UNITED	10,050	7,473	7,809	5,752
JAPAN	12,811	7,223	10,844	6,599
SINGAPO	9,582	5,516	9,551	5,504
NEW ZEL	6,977	4,108	6,977	4,108
PHILLIP	3,805	1,824	3,632	1,747
SWEDEN	3,063	1,392	2,261	1,041
PANAMA	2,744	1,350	0	0

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	CALENDAR YEAR 1988			
	,000 UNITS	$,000	,000 UNITS	$,000
GUATEMA	3,192	1,258	397	85
MALAYSA	2,025	993	2,025	993
NETHERL	1,485	766	1,212	651
MEXICO	2,934	769	1,635	392
NORWAY	1,309	590	1,247	558
COSTA R	932	421	0	0
SAUDIA	964	394	232	138
HONDURA	982	379	0	0
WEST GE	432	355	317	291
BAHAMAS	609	350	0	0
ARAB EM	979	342	281	124
SALVADO	708	339	0	0
FINLAND	334	319	739	283
KUWAIT	725	316	681	307
DOMINIC	773	304	0	0
FRENCH	483	287	462	276
THIALAN	564	225	564	285
BELGIUM	133	123	131	120
ICELAND	145	119	0	0
FIJI	195	100	195	100
FRANCE	159	90	55	26
N ANTIL	161	84	58	19
SWITZER	115	75	69	43
ANTIQUA	96	56	0	0
BAHRAIN	143	51	99	40
GUADELO	100	45	0	0
NEW CAL	84	36	84	36
FRENCH	74	30	0	0
BELIZE	38	23	0	0
BRAZIL	73	23	0	0
AUSTRAL	33	18	33	18
MARTINI	29	16	0	0
COLOMBI	35	14	0	0
VENEZUE	26	14	0	0
ARUBA	13	7	0	0
BARBADO	14	6	0	0
OTHER	17	8	0	0
TOTAL	293,707	$129,457	107,981	$56,999

1506500 GRAPES (RAISINS), DRIED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	54,936	34,739	54,935	34,737
UNITED	46,228	29,037	37,005	23,390
WEST GE	20,462	13,956	18,599	12,708
CANADA	10,832	13,737	0	0
DENMARK	14,131	9,847	13,653	9,536
SWEDEN	11,393	9,043	11,076	8,433
NETHERL	9,194	6,372	7,497	5,184
NORWAY	5,897	4,864	5,442	4,497
SOUTH K	7,447	4,573	7,222	4,452
TAIWAN	7,062	4,378	7,062	4,378
FINLAND	5,513	4,124	5,168	3,842
BELGIUM	3,258	2,578	3,001	2,402
SINGAPO	2,833	2,090	2,833	2,090
MALAYSA	2,314	1,952	2,314	1,952
NEW ZEL	1,778	1,855	1,778	1,855
SAUDIA	1,875	1,277	1,365	1,267
HONG KO	1,362	1,234	1,362	1,234
SPAIN	1,397	980	1,312	920
ISRAEL	1,249	976	1,215	947
VENEZUE	1,114	893	596	390
FRANCE	1,034	798	867	682
SWITZER	1,051	733	1,051	733
PANAMA	686	605	677	597
PHILLIP	654	517	600	475
IRELAND	599	394	599	394
ARAB EM	459	325	459	325
DOMINIC	384	256	182	130
BRAZIL	325	248	179	119
COLOMBI	302	240	0	0
ICELAND	313	204	282	182
MEXICO	114	170	23	32
KUWAIT	233	168	231	166
BERMUDA	150	139	0	0
BAHAMAS	131	115	0	0
INDONES	171	114	171	114
THIALAN	127	107	127	107
TRINIDA	130	91	0	0
GREECE	81	88	81	88
GUATEMA	77	78	3	2
JAMAICA	153	71	0	0
JORDAN	78	63	73	54
CHILE	41	62	41	62
N ANTIL	67	57	0	0
ITALY	66	56	66	56
AUSTRAL	76	51	76	51
AUSTRIA	49	49	49	49
FRENCH	43	44	43	44
PORTUGA	38	30	38	30
COSTA R	29	29	17	11
HONDURA	23	26	0	0
YEMEN S	38	25	38	25
EAST GE	45	24	7	4
BOLIVIA	16	16	0	0
SALVADO	13	15	3	2
BRUNEI	15	13	15	13
HAITI	7	7	0	0
ARGENTI	4	7	4	7
BELIZE	4	6	0	0
ARUBA	5	5	0	0
OTHER	15	14	2	2
TOTAL	213,620	$154,554	189,939	$128,771

1673100 STILL WINE NT OV 14% ALCOHOL--WG

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	2,530	16,394	2,370	15,264
UNITED	2,671	14,895	2,344	13,024
CANADA	3,713	12,021	280	1,393
SWEDEN	726	2,743	726	2,743
SWITZER	296	2,606	279	2,353
BELGIUM	388	2,268	379	2,220
WEST GE	235	1,643	207	1,473
DENMARK	320	1,332	301	1,286
FRANCE	160	1,180	130	847
HONG KO	206	1,150	206	1,150
TAIWAN	108	821	99	754
BAHAMAS	148	654	0	0
BERMUDA	94	577	1	3
NETHERL	74	533	56	430
MEXICO	74	533	3	18
N ANTIL	50	484	12	64
PHILLIP	95	418	98	418
FINLAND	53	350	53	350
FAROE I	47	286	47	286
ST. LUC	47	285	0	0
FRENCH	81	284	80	282
IRELAND	38	258	29	201
CAYMAN	47	249	0	0
SINGAPO	35	242	35	242
SOUTH K	72	240	70	227
THIALAN	36	226	34	213
JAMAICA	43	214	18	110
AUSTRAL	34	206	29	158
NORWAY	29	205	26	188
MALAYSA	34	179	34	175
ANTIQUA	32	172	0	0
INDONES	33	164	33	164
BARBADO	24	150	0	0
ITALY	22	135	13	80
DOMINIC	49	116	8	35
LIBERIA	16	109	7	60
HONDURA	18	104	0	0
GRENADA	20	103	0	0
VENEZUE	16	102	0	0
ARUBA	29	93	25	66
B VIRGN	13	90	0	0
ECUADOR	20	86	15	58
AUSTRIA	14	85	14	85
PANAMA	15	83	13	74
TURKS &	10	60	0	0
ST CHRI	13	59	0	0
COSTA R	11	54	1	4
ICELAND	7	51	3	26
SPAIN	8	49	8	48
SRI LAN	6	47	6	47
NEW ZEL	8	47	8	47
GUATEMA	8	47	0	0
HAITI	9	46	8	39
COLOMBI	7	41	0	0
BELIZE	5	40	0	0
PORTUGA	7	39	0	0
SALVADO	7	37	5	28
S VN GR	6	36	0	0
CHILE	8	33	0	0
FIJI	37	33	37	33
PAKISTA	5	33	5	33
KENYA	4	27	4	27
NIGERIA	2	21	2	21

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
TRINIDA	3	17	0	0
GHANA	2	15	2	15
PERU	2	14	1	3
USSR	4	11	0	0
MONTSER	2	10	0	0
BRAZIL	1	5	0	3
OTHER	6	36	4	23
TOTAL	13,026	$66,023	8,169	$46,890
1674300	WINE NSPF FROM FR GRAPE/MUST--WG			
JAPAN	773	4,086	730	3,890
UNITED	465	2,148	434	2,008
CANADA	271	1,057	15	71
DENMARK	196	1,042	196	1,042
N ANTIL	68	445	0	0
FRANCE	56	376	21	93
WEST GE	38	342	17	89
HONG KO	66	314	66	314
MEXICO	33	268	5	24
SWEDEN	70	258	52	195
HAITI	45	226	42	206
TAIWAN	59	209	56	196
ITALY	43	202	32	153
CAYMAN	50	189	0	0
ST. LUC	27	174	0	0
BELGIUM	13	161	12	149
BARBADO	26	159	0	0
BAHAMAS	35	155	0	0
MALAYSA	25	123	26	128
SWITZER	12	112	11	51
VENEZUE	3	110	0	0
JAMAICA	17	102	4	32
PHILLIP	17	95	17	95
BELIZE	9	91	0	0
ARUBA	15	89	0	0
BERMUDA	19	88	0	0
PANAMA	15	83	3	22
ECUADOR	12	79	12	74
FRENCH	17	69	17	69
HONDURA	11	66	0	0
ANTIQUA	8	62	0	0
NETHERL	3	59	1	9
SPAIN	13	53	8	37
THIALAN	10	51	10	51
COLOMBI	10	46	0	0
S VN GR	3	44	0	0
INDONES	5	41	5	41
TRINIDA	6	39	0	0
SOUTH K	7	37	7	37
SINGAPO	3	27	3	27
GRENADA	4	26	0	0
REP. SO	4	24	0	0
DOMINIC	4	24	0	0
B VIRGN	4	22	0	0
GUATEMA	2	22	0	0
AUSTRAL	3	17	3	17
COSTA R	2	15	1	2
NIGERIA	2	14	0	0
ST CHRI	2	12	0	0
TURKS &	2	11	0	0
ARGENTI	2	10	0	0
SALVADO	2	7	0	0
BRAZIL	1	7	0	0
PARAGUA	1	6	1	6
	1	6	1	6
OTHER	7	24	5	12
TOTAL	2,662	$13,631	1,812	$9,149
1675140	ALCOHOLIC BEV FERMENTED NSPF--GAL			
JAPAN	656	2,537	429	2,019
VENEZUE	181	941	118	681
WEST GE	3	413	4	19
CANADA	84	310	63	230
MEXICO	57	300	4	16
N ANTIL	30	154	0	0
HONG KO	33	134	25	123
UNITED	23	88	7	32
TAIWAN	15	81	15	81
PHILLIP	20	72	20	72
SAUDIA	22	71	0	0
BERMUDA	14	67	0	0

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
ECUADOR	12	49	12	49
HAITI	12	45	4	16
ANTIQUA	4	45	0	0
FRANCE	7	43	0	0
POLAND	7	37	7	37
BAHAMAS	10	35	0	0
ST. LUC	8	30	0	0
SINGAPO	7	28	3	12
SOUTH K	7	27	7	27
NETHERL	7	27	0	0
JAMAICA	4	15	0	0
BRAZIL	4	15	0	0
ITALY	4	14	0	0
BARBADO	3	13	0	0
DOMINIC	3	13	2	8
SWEDEN	2	12	0	0
DJIBOUT	3	11	0	0
BELIZE	2	9	0	0
B VIRGN	2	9	0	0
ISRAEL	1	8	1	5
CHILE	2	8	0	0
CAYMAN	2	8	0	0
FRENCH	2	7	2	7
COLOMBI	2	6	0	0
COSTA R	1	6	0	0
HONDURA	1	6	0	0
GUATEMA	2	6	0	0
OTHER	6	18	0	0
TOTAL	1,270	$5,718	724	$3,440
1651700	GRAPE JUICE NOT CONCENTRATED--GAL			
CANADA	470	1,000	0	0
PHILLIP	89	174	6	14
HONG KO	66	150	14	11
TAIWAN	63	139	18	35
JAPAN	63	115	22	59
MEXICO	28	66	0	0
AUSTRAL	25	59	0	0
JAMAICA	18	42	16	37
DOMINIC	10	23	0	0
UNITED	10	23	0	0
SAUDIA	7	20	0	0
SINGAPO	7	16	1	4
ST. LUC	6	15	0	0
SALVADO	6	13	0	0
PANAMA	5	11	4	10
ARAB EM	5	11	0	0
BAHAMAS	4	9	0	0
ARUBA	3	7	0	0
COLOMBI	3	7	0	0
OTHER	15	33	1	3
TOTAL	903	$1,933	83	$173
1655400	GRAPE JUICE CONCENTRATED FRZ--SSG			
JAPAN	2,582	4,319	133	373
CANADA	312	726	0	0
NEW ZEL	126	330	77	183
AUSTRAL	156	229	156	229
TAIWAN	116	158	0	0
COSTA R	78	55	0	0
LIBERIA	20	50	0	0
INDONES	14	36	14	36
JAMAICA	14	34	0	0
ARUBA	9	18	0	0
SWITZER	3	9	0	0
HONG KO	5	8	1	2
PHILLIP	6	6	0	0
OTHER	5	7	2	2
TOTAL	3,446	$5,984	333	$825
1658000	GRAPE JUICE CONCNTRTD NOT FZ--SSG			
JAPAN	5,608	11,913	538	918
CANADA	1,331	2,043	0	0
TAIWAN	64	117	56	96
LIBERIA	20	50	0	0
BERMUDA	15	25	0	0

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
MEXICO	10	24	0	0
JAMAICA	9	16	0	0
HONG KO	5	13	0	0
SALVADO	5	12	0	0
DENMARK	2	6	0	0
OTHER	2	5	0	0
TOTAL	7,071	$14,224	596	$1,014
1471500	GRAPEFRUIT, FRESH		--LB	
JAPAN	516,353	122,154	134,277	31,734
FRANCE	133,336	27,153	2,636	366
NETHERL	75,756	15,338	10,910	1,661
CANADA	76,330	15,069	0	0
TAIWAN	71,309	14,097	32,439	6,795
BELGIUM	42,301	7,335	299	63
WEST GE	30,751	5,718	39	5
UNITED	25,260	5,350	270	59
ITALY	16,692	3,329	0	0
SOUTH K	10,463	2,566	3,742	1,215
HONG KO	6,343	1,457	4,589	1,063
SWEDEN	3,986	861	577	148
SWITZER	3,223	641	0	0
NEW ZEL	1,444	306	1,444	306
AUSTRAL	1,246	281	1,229	278
SINGAPO	841	203	409	108
ISRAEL	101	68	0	0
MEXICO	283	56	206	40
BAHAMAS	51	43	0	0
FINLAND	145	39	0	0
SAUDIA	46	36	0	0
IRELAND	149	31	0	0
MALAYSA	112	23	112	23
JAMAICA	40	19	40	19
OTHER	53	13	5	3
TOTAL	1,020,142	$222,156	193,521	$43,887
1650500	GRAPEFRT JUICE NOT CONCNTRTE--GAL			
FRANCE	697	2,147	0	0
JAPAN	718	1,324	237	553
TAIWAN	1,281	755	316	272
ITALY	191	317	0	0
HONG KO	125	229	121	218
SAUDIA	71	197	0	0
SINGAPO	75	190	6	19
CANADA	61	167	0	0
ARAB EM	46	130	1	3
SOUTH K	32	77	26	63
SWITZER	22	52	0	0
GRENADA	11	39	0	0
NETHERL	14	32	0	0
INDONES	10	32	10	32
OMAN	12	32	0	0
QATAR	10	26	0	0
ST. LUC	8	25	0	0
SWEDEN	7	16	4	10
BAHRAIN	5	15	0	0
PHILLIP	4	10	4	10
KUWAIT	4	10	0	0
BERMUDA	3	9	0	0
MONTSER	8	9	0	0
MEXICO	3	7	2	5
BAHAMAS	2	6	0	0
ANTIQUA	2	5	0	0
BELGIUM	4	5	0	0
OTHER	10	27	1	5
TOTAL	3,434	$5,892	729	$1,191
1653100	GRPFRT JUICE, CONCNTRTD, FRZ--SSG			
JAPAN	10,053	19,626	711	1,475
CANADA	2,452	4,859	0	0
WEST GE	2,299	2,777	915	1,205
ISRAEL	1,572	2,258	313	519
NETHERL	1,342	2,051	73	199
SOUTH K	541	987	31	83
UNITED	522	755	170	195
SWITZER	269	410	81	128
FINLAND	213	380	0	0
TAIWAN	132	291	31	73
NORWAY	136	240	0	0
HONG KO	103	188	57	106
AUSTRAL	127	119	105	80
NEW ZEL	26	72	26	72
ICELAND	22	59	0	0
ITALY	17	47	0	0
AUSTRIA	20	39	0	0
FRENCH	12	33	12	33
SWEDEN	12	24	0	0
SINGAPO	13	20	0	0
DENMARK	6	16	6	16
FRANCE	7	14	0	0
BARBADO	5	14	0	0
MEXICO	8	10	0	0
GRENADA	3	8	0	0
BAHAMAS	3	6	0	0
OTHER	4	8	0	0
TOTAL	19,919	$35,310	2,529	$4,183
1657100	GRAPEFRT JUICE CONC, NOT FRZ--SSG			
JAPAN	778	1,601	95	71
CANADA	505	815	0	0
NETHERL	202	460	1	2
ITALY	60	151	0	0
DENMARK	90	135	90	135
TAIWAN	46	116	3	7
ARAB EM	93	102	0	0
SWITZER	60	99	17	25
SOUTH K	19	48	19	48
UNITED	10	25	6	15
WEST GE	15	24	15	24
FRANCE	8	20	0	0
BERMUDA	23	19	0	0
KUWAIT	4	10	0	0
PAKISTA	3	8	0	0
OMAN	4	7	0	0
SWEDEN	4	7	4	7
OTHER	9	14	2	5
TOTAL	1,934	$3,660	251	$338
1493050	KIWIFRUIT, FRESH		--LB	
JAPAN	8,065	6,683	7,953	6,644
CANADA	8,565	3,787	0	0
TAIWAN	2,383	1,653	2,383	1,653
NETHERL	1,609	1,338	1,179	913
FINLAND	1,413	1,133	642	512
SWEDEN	962	814	813	677
HONG KO	470	425	470	425
AUSTRAL	529	425	529	425
WEST GE	409	284	91	86
BELGIUM	153	151	153	151
AUSTRIA	100	84	0	0
MEXICO	155	84	114	16
SINGAPO	218	81	218	81
SOUTH K	189	66	189	66
SWITZER	173	60	173	60
KUWAIT	60	59	60	59
NEW ZEL	79	34	79	34
SAUDIA	86	30	86	30
ICELAND	42	30	0	0
FRANCE	29	21	0	0
N ANTIL	18	6	0	0
OTHER	14	10	8	5
TOTAL	25,700	$17,258	15,140	$11,839
1471900	LEMONS, FRESH		--LB	
JAPAN	259,788	87,696	255,964	86,761
CANADA	17,326	4,137	0	0
HONG KO	14,543	3,931	14,210	3,769
SOUTH K	5,207	1,605	5,122	1,584
AUSTRAL	5,535	1,568	5,496	1,557
NETHERL	3,336	489	3,138	464
MEXICO	2,021	311	2,005	308
TAIWAN	548	236	548	236
FRANCE	1,133	201	1,053	184
NEW ZEL	707	190	707	190

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	 U.S. NET VALUE	 CAL. PORTS QUANTITY	 CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
BELGIUM	1,480	171	1,467	168
SINGAPO	604	157	604	157
SWEDEN	635	112	518	108
UNITED	101	28	17	3
SPAIN	91	24	0	0
CHINA M	60	19	80	19
INDIA	44	16	44	16
OTHER	23	7	7	2
TOTAL	313,202	$100,897	291,131	$95,532

1654120 LEMON JUICE, CONC, FRZN --SSG

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	1,433	1,930	1,273	1,565
CANADA	333	631	0	0
NETHERL	656	364	656	364
WEST GE	229	218	229	218
ISRAEL	66	165	66	165
ITALY	44	111	0	0
UNITED	60	87	0	0
SOUTH K	33	80	33	80
HONG KO	33	72	26	65
NEW ZEL	21	45	0	0
SWITZER	31	29	31	29
SAUDIA	11	27	11	27
KUWAIT	9	22	0	0
TAIWAN	6	16	4	9
OTHER	1	2	0	0
TOTAL	2,966	$3,797	2,329	$2,602

1654140 CITRUS JUICES NSPF, CONC, FZ--SSG

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
ISRAEL	2,126	3,661	86	215
WEST GE	3,509	2,103	0	0
NETHERL	1,191	1,371	14	36
CANADA	466	992	0	0
UNITED	354	463	0	0
JAPAN	404	411	165	107
BERMUDA	350	341	0	0
AUSTRAL	153	203	62	83
SPAIN	255	172	255	172
NEW ZEL	136	169	0	0
HONG KO	60	150	33	81
SWITZER	117	120	0	0
ARUBA	44	93	0	0
BELGIUM	46	82	0	0
N ANTIL	40	81	0	0
SAUDIA	24	61	0	0
TAIWAN	23	56	6	14
SWEDEN	29	53	0	0
BARBADO	18	45	0	0
HONDURA	18	44	0	0
PHILLIP	12	30	0	0
FRANCE	30	30	0	0
BAHAMAS	11	25	0	0
JAMAICA	5	12	0	0
FRENCH	10	8	10	8
TOTAL	9,427	$10,786	630	$718

1657700 CITRUS JUICE NSPF CONC NT FZ--SSG

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
SOUTH K	886	2,110	883	2,103
UNITED	200	513	0	0
HONG KO	219	377	219	377
ST. LUC	153	317	0	0
CANADA	132	284	0	0
N ANTIL	89	223	0	0
NETHERL	55	137	0	0
WEST GE	102	115	98	107
JAPAN	128	70	128	70
BELGIUM	62	59	0	0
COLOMBI	20	51	0	0
ARAB EM	70	43	0	0
BERMUDA	21	39	0	0
SWEDEN	39	31	0	0
FRANCE	19	27	19	27
SURINAM	7	17	0	0
LIBERIA	5	13	0	0
AUSTRAL	10	11	0	0
TAIWAN	4	11	4	11
BARBADO	4	10	0	0
SINGAPO	4	10	4	10
ARUBA	4	9	0	0
ANTIGUA	3	9	0	0
DOMINIC	3	7	0	0
PAKISTA	2	6	0	0
SALVADO	5	6	0	0
PANAMA	2	5	0	0
OTHER	11	23	5	10
TOTAL	2,261	$4,534	1,362	$2,716

4523400 LEMON OIL --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	276	1,365	159	966
CANADA	65	535	0	0
UNITED	81	558	0	2
IRELAND	9	535	4	40
SWITZER	51	372	1	8
NETHERL	72	292	6	56
HONG KO	26	165	11	97
CYPRUS	11	99	11	98
MEXICO	14	96	0	2
FRANCE	12	39	6	46
WEST GE	21	80	12	45
SPAIN	0	80	0	0
TURKEY	0	68	0	0
INDONES	11	45	0	0
BELGIUM	7	44	4	30
COSTA R	1	37	0	0
MOROCCO	0	35	0	0
TAIWAN	6	30	1	13
AUSTRAL	3	27	2	10
DENMARK	4	25	2	21
URUGUAY	3	20	0	0
SOUTH K	3	18	3	18
PHILLIP	5	16	5	14
MALAYSA	4	13	0	0
SINGAPO	3	12	1	7
REP. SO	1	11	0	0
CHINA M	6	10	0	0
BAHAMAS	0	9	0	0
VENEZUE	1	9	0	0
PARAGUA	0	8	0	0
COLOMBI	1	8	0	0
GUATEMA	1	8	0	0
OTHER	1	19	0	3
TOTAL	698	$4,787	229	$1,475

1682700 MELONS, FRESH, NSPF --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	33,265	9,276	32,910	9,043
HONG KO	14,870	3,368	14,870	3,368
CANADA	10,583	2,220	0	0
UNITED	40	20	6	4
BAHAMAS	24	9	0	0
MALAYSA	26	8	26	8
MEXICO	43	6	43	6
OTHER	49	5	16	3
TOTAL	58,899	$14,911	47,870	$12,431

1473160 ORANGES, FRESH, NSPF --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	249,994	72,862	245,691	71,867
CANADA	193,871	47,639	37	2
HONG KO	175,118	39,926	172,469	39,323
SINGAPO	25,724	6,214	25,296	6,125
MALAYSA	17,942	3,879	17,942	3,879
AUSTRAL	11,956	3,471	11,504	3,356
NEW ZEL	9,072	2,454	9,072	2,454
TAIWAN	8,153	2,049	7,367	1,856
NETHERL	5,518	1,436	3,430	854
MEXICO	5,552	829	3,665	554
PHILLIP	1,097	428	989	403
SOUTH K	998	377	919	361
UNITED	1,425	346	380	91
SWEDEN	569	175	336	105
BELGIUM	632	154	39	8
FRENCH	485	132	485	132
ICELAND	471	128	0	0
BARBADO	329	85	0	0
FINLAND	256	70	0	0

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1989

COUNTRY OF DESTINATION	CALENDAR YEAR 1988			
	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
WEST GE	236	54	184	42
FRANCE	207	46	147	34
BAHAMAS	133	42	0	0
COLOMBI	108	29	0	0
SPAIN	69	25	0	0
ARUBA	83	23	0	0
GUADELO	91	17	0	0
NORWAY	38	14	0	0
ARAB EM	46	14	0	0
FIJI	31	8	31	8
PANAMA	16	5	0	0
	17	5	17	5
INDIA	20	5	20	5
OTHER	11	3	0	0
TOTAL	710,286	$182,946	500,023	$131,466

1650700 ORANGE JUICE NOT CONCENTRATE--GAL

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
FRANCE	2,628	6,537	0	0
JAPAN	1,349	2,750	245	453
HONG KO	508	645	387	469
ARAB EM	303	460	2	5
SINGAPO	322	378	96	151
SOUTH K	433	361	433	361
SAUDIA	239	325	0	0
CANADA	169	247	0	0
ST. LUC	134	232	0	0
NETHERL	246	207	0	0
N ANTIL	114	176	0	0
OMAN	85	137	0	0
BAHRAIN	83	123	0	0
GRENADA	84	109	0	0
MONTSER	104	104	0	0
TAIWAN	116	103	27	30
SWEDEN	103	85	9	7
BERMUDA	41	79	0	0
INDONES	51	67	51	67
BELGIUM	51	66	0	0
BAHAMAS	53	66	0	0
KUWAIT	56	62	0	0
QATAR	51	54	0	0
ST CHRI	28	50	0	0
FRENCH	43	45	48	46
ANTIQUA	16	35	0	0
BARBADO	26	31	0	0
NORWAY	37	30	0	0
ARUBA	29	28	0	0
UNITED	15	27	0	0
HAITI	27	26	0	0
JORDAN	20	21	0	0
PHILLIP	10	20	10	20
PAKISTA	7	17	0	0
COLOMBI	17	17	0	0
CAYMAN	7	16	0	0
MEXICO	19	16	17	14
BOLIVIA	13	16	0	0
BRUNEI	5	15	5	15
B VIRGN	20	15	0	0
ANGUILL	8	12	0	0
DENMARK	9	9	0	0
ANGOLA	11	9	0	0
NEW CAL	3	8	3	8
TURKS &	4	7	0	0
GUADELO	2	7	0	0
PANAMA	4	5	0	0
OTHER	21	26	3	7
TOTAL	7,881	$13,888	1,333	$1,654

1653320 ORANGE JUICE CONC FZ UND32OZ--SSG

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	9,507	24,142	0	0
SWEDEN	493	964	0	0
JAPAN	405	808	16	44
TAIWAN	143	394	0	0
NETHERL	241	345	0	0
NORWAY	175	312	0	0
BERMUDA	69	135	0	0
FRENCH	50	130	50	130
NEW ZEL	65	115	0	0
N ANTIL	40	113	0	0
BAHAMAS	42	110	0	0
SOUTH K	44	97	44	97
WEST GE	64	61	0	0
SAUDIA	134	55	0	0
ST. LUC	23	40	0	0
SWITZER	19	40	0	0
AUSTRIA	20	38	0	0
ICELAND	11	31	0	0
THIALAN	9	26	9	26
COLOMBI	9	23	0	0
KUWAIT	8	21	0	0
INDONES	11	17	11	17
EGYPT	8	16	0	0
PHILLIP	5	14	5	14
BARBADO	5	14	0	0
ARUBA	4	12	0	0
HONG KO	9	11	9	11
MEXICO	4	10	0	0
ARAB EM	2	7	0	0
SINGAPO	2	6	0	0
OTHER	6	10	0	0
TOTAL	11,626	$28,117	144	$340

1653340 ORANGE JUCE CONC FZ 32-128OZ--SSG

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	2,198	4,791	0	0
UNITED	872	1,937	1	2
SWITZER	710	1,604	0	0
WEST GE	555	1,065	0	0
FRANCE	405	803	0	0
HONG KO	380	772	1	3
SWEDEN	308	621	0	0
AUSTRIA	305	542	0	0
NETHERL	251	428	0	0
NORWAY	219	417	0	0
JAPAN	114	229	79	149
HONDURA	71	194	0	0
N ANTIL	72	160	0	0
SINGAPO	73	150	2	6
BAHAMAS	55	149	0	0
BELGIUM	78	129	0	0
TAIWAN	43	117	0	0
ISRAEL	39	108	0	0
SOUTH K	29	80	29	80
THIALAN	19	52	19	52
JAMAICA	15	40	0	0
KUWAIT	13	37	0	0
	10	29	8	23
CHINA M	9	26	0	0
OMAN	9	25	0	0
MALAYSA	8	23	8	23
GRENADA	5	13	0	0
BERMUDA	6	11	0	0
PHILLIP	5	10	0	0
DENMARK	3	9	0	0
OTHER	2	7	2	5
TOTAL	6,881	$14,570	150	$342

1653360 ORANGE JUICE CONC FZ OV 1GAL--SSG

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	8,186	14,705	0	0
NETHERL	5,067	6,148	1,769	1,999
JAPAN	3,347	6,062	615	1,060
TAIWAN	1,934	3,730	1,660	3,042
WEST GE	3,417	3,668	1,980	2,544
AUSTRAL	2,228	3,405	784	1,605
ISRAEL	1,821	3,192	420	561
UNITED	2,379	2,665	931	1,117
NORWAY	1,497	2,427	0	0
HONG KO	1,690	1,791	549	717
HONDURA	648	1,781	0	0
BELGIUM	587	911	303	432
NEW ZEL	510	901	309	463
ICELAND	337	805	12	32
SINGAPO	438	580	165	300
SWEDEN	203	526	0	0
FRANCE	297	508	74	100
IRELAND	567	482	567	482
PHILLIP	381	409	304	314
FINLAND	246	405	0	0
SWITZER	212	303	212	303
SOUTH K	67	253	46	197
MEXICO	82	220	0	0
THIALAN	107	193	107	193

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
MALAYSA	146	191	83	128
SPAIN	160	141	0	0
ECUADOR	46	125	0	0
BARBADO	45	68	0	0
DOMINIC	23	64	0	0
INDONES	23	62	23	62
SAUDIA	20	54	15	40
N ANTIL	19	52	0	0
ARUBA	15	41	0	0
JAMAICA	9	22	0	0
OTHER	1	4	1	2
TOTAL	36,752	$56,594	10,729	$15,693

1657400 ORANGE JUICE CONCTRTD NT FZ --SSG

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
SAUDIA	501	703	0	0
MALAYSA	277	653	272	642
ARAB EM	410	607	0	0
HONG KO	374	577	334	544
NETHERL	305	552	0	0
WEST GE	221	538	14	20
SINGAPO	221	497	221	497
TAIWAN	182	456	1	3
JAPAN	232	433	217	394
UNITED	236	350	223	319
SWEDEN	158	325	0	0
CANADA	125	307	0	0
SOUTH K	130	288	9	22
THIALAN	226	287	226	287
N ANTIL	114	240	0	0
NORWAY	80	129	63	86
SALVADO	44	109	0	0
DENMARK	40	101	0	0
SWITZER	80	89	30	59
BERMUDA	91	87	0	0
BELGIUM	35	77	15	29
NEW ZEL	32	71	32	71
FRANCE	28	63	13	24
ITALY	24	59	0	0
OMAN	57	52	0	0
ISRAEL	19	48	0	0
MEXICO	19	47	2	4
REP. SO	21	45	0	0
ANTIQUA	12	34	0	0
KUWAIT	8	21	0	0
LIBERIA	8	20	0	0
PAKISTA	8	19	0	0
HAITI	7	18	0	0
JORDAN	6	14	0	0
PHILLIP	5	14	1	2
AUSTRAL	6	14	6	14
PANAMA	9	10	0	0
FRENCH	4	9	4	9
ANGOLA	4	9	0	0
BAHAMAS	3	8	0	0
BAHRAIN	3	8	0	0
COLOMBI	3	8	0	0
CAYMAN	6	7	0	0
TURKEY	3	6	0	0
AUSTRIA	3	6	3	6
OTHER	6	12	0	0
TOTAL	4,385	$8,028	1,735	$3,063

4524400 ORANGE OIL --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	1,588	1,660	356	471
IRELAND	82	415	0	0
SWITZER	329	387	55	71
NETHERL	244	370	27	32
WEST GE	264	336	74	68
UNITED	109	269	12	14
HONG KO	177	244	98	144
SPAIN	107	219	0	0
CANADA	117	184	0	0
VENEZUE	71	173	0	0
FRANCE	105	141	27	36
BELGIUM	94	108	0	0
AUSTRAL	30	93	13	19
INDIA	45	91	0	0
MEXICO	88	69	34	48
ITALY	26	55	17	31
PHILLIP	10	52	2	14
ISRAEL	5	51	0	0
INDONES	49	49	34	20
SOUTH K	16	34	16	34
TAIWAN	27	34	23	30
PORTUGA	16	32	0	0
KENYA	35	31	0	0
COLOMBI	28	23	0	0
SWEDEN	19	22	1	7
GUATEMA	19	22	0	0
PANAMA	0	22	0	0
CHINA M	4	13	4	13
FINLAND	4	12	3	5
MALAYSA	4	11	4	4
PAKISTA	0	11	0	0
DOMINIC	7	11	0	0
THIALAN	7	9	4	5
GREECE	5	8	5	8
SAUDIA	1	6	0	0
TRINIDA	3	5	0	0
OTHER	14	25	2	4
TOTAL	3,750	$5,298	810	$1,078

1515000 OLIVES, CANNED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	1,258	1,047	1,258	1,047
CANADA	699	649	0	0
FINLAND	114	190	0	0
SWEDEN	134	109	134	109
SINGAPO	85	97	85	97
HONG KO	71	66	71	66
PHILLIP	70	63	68	61
TAIWAN	43	44	43	44
SPAIN	59	36	0	0
INDONES	28	25	28	25
SOUTH K	36	24	36	24
MEXICO	21	17	8	9
SAUDIA	7	13	7	13
DENMARK	10	13	10	13
DOMINIC	11	7	0	0
WEST GE	6	7	6	7
AUSTRAL	8	7	8	7
N ANTIL	9	7	0	0
SALVADO	6	6	0	0
SWITZER	8	6	8	6
UNITED	1	6	1	2
NEW ZEL	2	5	2	5
OTHER	13	14	3	5
TOTAL	2,699	$2,451	1,775	$1,532

1515500 OLIVES, PREP OR PRES, NSPF --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	893	652	0	0
SOUTH K	84	57	84	57
MEXICO	28	17	3	2
SPAIN	30	16	0	0
SINGAPO	5	11	5	11
N ANTIL	9	6	0	0
OTHER	17	15	2	3
TOTAL	1,066	$773	94	$73

1487500 PEACHES & NECTARINES, FRESH --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	64,310	17,949	29	12
JAPAN	4,238	2,559	4,235	2,556
TAIWAN	3,834	2,170	3,814	2,160
MEXICO	7,108	1,392	3,060	502
UNITED	2,077	623	1,357	428
HONG KO	1,368	528	1,322	510
NEW ZEL	357	186	357	186
SINGAPO	271	137	271	137
PHILLIP	67	62	67	62
KUWAIT	114	47	114	47
COSTA R	1,538	44	0	0
FRENCH	75	43	75	43
GREECE	178	41	0	0
PANAMA	82	35	0	0
SWITZER	37	27	0	0
BAHAMAS	75	26	0	0
BELGIUM	83	23	0	0
WEST GE	19	21	19	21

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
GUATEMA	34	14	0	0
FRANCE	44	11	44	11
FIJI	15	8	15	8
FINLAND	8	7	8	7
HONDURA	25	6	0	0
SOUTH K	12	6	0	0
CHINA M	38	6	38	6
OTHER	43	15	16	8
TOTAL	66,047	$25,984	14,842	$6,702
1516000 PEACHES AND NECTARINES, PREP--LB				
JAPAN	19,152	8,289	19,078	8,264
TAIWAN	7,899	2,570	7,899	2,570
CANADA	4,828	1,958	0	0
SINGAPO	1,424	610	1,424	610
HONG KO	1,035	442	1,035	442
PANAMA	922	407	707	296
PHILLIP	836	332	827	329
SAUDIA	618	261	185	87
SWEDEN	368	164	368	164
NETHERL	399	159	399	159
FINLAND	287	155	287	155
UNITED	353	147	353	147
KUWAIT	201	100	201	100
NORWAY	231	91	231	91
ECUADOR	128	87	0	0
MALAYSA	193	79	193	79
MEXICO	240	78	106	34
BAHAMAS	114	71	0	0
BERMUDA	149	64	0	0
COSTA R	123	54	96	43
FRENCH	109	52	109	52
HONDURA	174	41	0	0
GUATEMA	67	38	0	0
	89	34	55	20
SALVADO	69	31	0	0
GREECE	80	28	0	0
DOMINIC	40	26	0	0
N ANTIL	68	24	3	2
COLOMBI	56	21	0	0
QATAR	46	21	46	21
ARAB EM	38	18	38	18
INDONES	37	16	37	16
DENMARK	32	15	32	15
	40	14	40	14
LEBANON	32	13	25	10
EGYPT	29	13	0	0
BARBADO	11	9	0	0
BRUNEI	18	7	18	7
OMAN	17	6	17	6
ARUBA	13	6	0	0
THIALAN	14	5	14	5
JAMAICA	6	5	0	0
BAHRAIN	11	5	11	5
OTHER	46	16	43	14
TOTAL	40,647	$16,565	33,886	$13,777
1519500 FRUIT MIXTURES, NSPF, PREP --LB				
JAPAN	14,743	7,249	14,202	6,985
CANADA	12,945	5,265	0	0
SINGAPO	3,636	1,654	3,605	1,643
HONG KO	3,240	1,591	3,138	1,495
PHILLIP	3,200	1,241	2,982	1,187
SAUDIA	1,704	334	542	298
SWEDEN	1,327	764	1,024	447
PANAMA	1,495	758	1,329	668
MEXICO	1,624	685	1,070	469
TAIWAN	1,124	434	1,124	434
BAHAMAS	334	250	0	0
NETHERL	433	221	368	187
FRENCH	444	219	436	216
SOUTH K	415	217	406	200
EGYPT	268	185	101	51
FINLAND	262	170	262	170
KUWAIT	294	163	292	161
NORWAY	311	156	95	62
ARAB EM	287	146	283	139
MALAYSA	312	143	307	141
COSTA R	355	140	34	17
BERMUDA	241	126	0	0
GUATEMA	326	123	35	29
HONDURA	274	120	0	0
N ANTIL	204	109	38	18
QATAR	207	103	207	103
LEBANON	197	97	124	54
	230	95	132	54
DOMINIC	143	87	0	0
JAMAICA	111	75	0	0
ANTIQUA	89	71	0	0
ECUADOR	81	60	0	0
WEST GE	147	59	0	0
REP. SO	94	47	0	0
BARBADO	110	46	0	0
SALVADO	91	45	0	0
COLOMBI	103	42	68	20
	91	38	91	38
THIALAN	28	36	28	36
UNITED	226	35	49	15
OMAN	55	29	44	24
ISRAEL	31	27	0	0
BAHRAIN	60	26	22	10
INDONES	47	26	47	26
FRANCE	53	26	53	26
HAITI	59	23	0	0
BRUNEI	49	22	49	22
ST CHRI	18	22	0	0
S VN GR	8	20	0	0
NEW ZEL	10	20	10	20
AUSTRAL	64	18	64	18
ARUBA	42	17	0	0
TRINIDA	36	11	0	0
LIBERIA	3	6	0	0
OTHER	19	13	4	3
TOTAL	52,299	$24,204	32,664	$15,484
1488500 PEARS, FRESH --LB				
CANADA	54,547	12,235	0	0
SWEDEN	22,184	4,102	7,443	1,406
SAUDIA	6,311	1,412	0	0
MEXICO	7,197	1,267	5,608	1,029
ARAB EM	4,580	1,125	670	128
NETHERL	2,841	512	172	41
HONG KO	1,492	395	33	24
FINLAND	2,132	381	598	108
PANAMA	1,116	341	0	0
WEST GE	1,493	297	99	18
NORWAY	1,752	293	394	68
UNITED	808	197	206	56
KUWAIT	706	192	0	0
SINGAPO	546	156	218	63
GUATEMA	320	136	0	0
BRAZIL	443	112	0	0
IRELAND	437	89	0	0
FRENCH	260	82	260	82
BAHRAIN	230	67	0	0
N ANTIL	180	60	0	0
HONDURA	244	57	0	0
COSTA R	161	39	0	0
DOMINIC	110	28	0	0
ARUBA	48	25	0	0
NEW CAL	46	19	46	19
BAHAMAS	33	10	0	0
JAMAICA	41	10	41	10
DENMARK	49	9	49	9
OTHER	102	27	48	14
TOTAL	110,408	$23,677	15,884	$3,074
1517000 PEARS, PREPARED OR PRESERVED--LB				
JAPAN	293	169	193	112
CANADA	344	121	0	0
NORWAY	185	73	87	39
SAUDIA	154	67	31	16
NETHERL	128	65	128	65
EGYPT	152	63	138	57
FRENCH	103	52	103	52
SWEDEN	91	46	63	34
SINGAPO	83	45	45	21
N ANTIL	62	34	4	2
AUSTRAL	77	28	0	0
INDONES	49	25	49	25

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
	50	20	12	5
UNITED	53	19	0	0
BERMUDA	29	15	0	0
COSTA R	30	15	27	13
KUWAIT	35	14	35	14
	38	14	38	14
FINLAND	29	12	0	0
OMAN	17	11	17	11
PHILLIP	18	9	18	9
QATAR	20	9	20	9
PANAMA	17	8	11	5
COLOMBI	21	8	0	0
MEXICO	18	7	0	0
HONDURA	13	6	0	0
MALAYSA	12	5	12	5
OTHER	39	21	25	13
TOTAL	2,161	$960	1,055	$519
1453520	PISTACHIOS, NT SHLD OR RSTD --LB			
TAIWAN	1,024	2,098	1,024	2,098
JAPAN	813	1,665	815	1,657
HONG KO	667	835	667	835
CANADA	214	526	0	0
UNITED	226	464	195	391
CHINA M	650	437	650	437
SWITZER	135	315	135	315
FRANCE	135	300	117	256
WEST GE	116	246	116	246
SAUDIA	98	213	72	155
SINGAPO	62	145	62	145
MEXICO	47	116	14	36
NETHERL	36	53	36	53
NORWAY	21	52	21	52
ITALY	26	45	26	45
AUSTRAL	21	41	21	41
INDIA	43	33	43	33
ARUBA	9	21	0	0
PHILLIP	6	17	6	17
BRAZIL	5	13	5	13
PARAGUA	5	12	0	0
REP. SO	2	5	2	5
OTHER	2	7	2	4
TOTAL	4,364	$7,660	4,026	$6,837
1455720	PISTACHIOS, SHELLED		--LB	
JAPAN	436	946	436	946
TAIWAN	375	778	375	778
HONG KO	161	377	137	327
FRANCE	124	263	124	263
MEXICO	121	204	7	14
WEST GE	87	179	87	179
CANADA	65	137	0	0
UNITED	64	133	27	56
SINGAPO	45	106	45	106
ISRAEL	212	73	212	73
SPAIN	17	44	16	41
ARUBA	6	21	0	0
AUSTRAL	6	16	6	16
BELIZE	6	14	0	0
REP. SO	8	13	8	13
PHILLIP	4	11	4	11
HONDURA	7	8	0	0
TOTAL	1,745	$3,323	1,485	$2,822
1457520	PISTACHIOS, PREP OR PRESRVD --LB			
HONG KO	570	1,272	530	1,222
CANADA	390	655	0	0
JAPAN	173	415	173	415
SINGAPO	158	397	150	355
TAIWAN	283	360	283	360
FRANCE	125	247	122	236
SWITZER	71	173	71	173
SAUDIA	55	120	55	120
AUSTRAL	38	98	38	98
NORWAY	30	72	30	72
BRAZIL	29	71	14	29
PARAGUA	12	53	0	0
WEST GE	14	49	14	49
MEXICO	24	48	0	0
BELIZE	22	47	0	0
ARUBA	29	37	0	0
ARAB EM	15	36	0	0
REP. SO	15	34	15	34
VENEZUE	11	30	0	0
BOLIVIA	3	10	0	0
PANAMA	3	8	3	8
AUSTRIA	2	6	2	6
GIBRALT	1	5	1	5
OTHER	10	27	10	27
TOTAL	2,083	$4,270	1,509	$3,208
1491700	PRUNES AND PLUMS, FRESH		--LB	
CANADA	37,368	10,948	297	152
TAIWAN	21,675	10,153	20,894	9,706
HONG KO	13,513	6,320	13,052	6,163
UNITED	7,290	4,160	5,026	3,098
ITALY	1,714	1,435	1,673	1,425
JAPAN	2,034	1,170	1,872	1,075
SINGAPO	2,034	1,010	1,975	989
FINLAND	1,020	666	428	426
SWEDEN	1,004	509	651	339
MEXICO	2,025	481	1,006	195
NORWAY	582	271	221	118
NETHERL	681	261	51	37
MALAYSA	525	246	525	246
NEW ZEL	234	119	234	119
PANAMA	282	111	0	0
DENMARK	126	76	126	76
SPAIN	74	56	74	56
N ANTIL	152	53	0	0
VENEZUE	51	48	0	0
ISRAEL	72	47	72	47
WEST GE	51	31	51	31
AUSTRAL	36	29	36	29
FRANCE	54	23	17	6
DOMINIC	26	20	0	0
FIJI	32	19	32	19
FRENCH	52	17	52	17
THIALAN	30	13	25	11
BAHAMAS	17	9	0	0
PHILLIP	13	7	13	7
SWITZER	26	7	0	0
ARUBA	26	6	0	0
OTHER	90	24	15	5
TOTAL	92,900	$38,346	48,417	$24,390
1508000	PRUNES, DRIED		--LB	
WEST GE	19,352	16,385	17,610	14,980
JAPAN	21,247	13,533	21,120	13,472
ITALY	18,371	13,224	17,496	12,590
SWEDEN	7,321	6,009	7,253	5,945
CANADA	7,497	5,612	0	0
UNITED	7,861	5,476	7,436	5,179
FRANCE	5,191	3,544	5,191	3,544
SPAIN	4,361	3,418	3,875	2,941
DENMARK	5,348	3,388	5,260	3,333
FINLAND	4,208	3,240	3,998	3,039
NORWAY	3,441	2,767	3,270	2,632
MEXICO	3,626	2,151	226	102
TAIWAN	3,648	1,902	3,609	1,876
ISRAEL	2,344	1,735	1,428	1,028
NETHERL	2,002	1,622	1,651	1,290
SWITZER	1,628	1,328	1,628	1,328
HONG KO	1,664	1,236	1,537	1,148
SINGAPO	1,592	1,185	1,592	1,185
BELGIUM	1,444	1,048	1,066	727
AUSTRAL	1,107	903	1,107	903
VENEZUE	1,323	739	383	375
NEW ZEL	705	625	685	609
MALAYSA	755	539	755	539
AUSTRIA	655	528	655	528
GREECE	599	473	557	437
PORTUGA	354	293	316	263
SAUDIA	365	216	365	216
PANAMA	262	215	262	215
PHILLIP	214	180	207	174
KUWAIT	225	150	225	150

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1985

COUNTRY OF DESTINATION	CALENDAR YEAR 1985 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
DOMINIC	222	135	140	101
SOUTH K	168	124	168	124
TRINIDA	106	96	0	0
ARAB EM	149	94	149	94
THIALAN	94	86	94	86
N ANTIL	67	58	0	0
IRELAND	112	57	112	57
JAMAICA	79	54	79	54
FRENCH	46	53	46	53
ICELAND	53	50	53	50
FAROE I	63	36	63	36
CHINA M	40	28	0	0
BELIZE	56	29	0	0
NEW CAL	29	27	29	27
EAST GE	31	24	31	24
ARUBA	25	20	0	0
CYPRUS	23	19	0	0
BAHAMAS	19	15	0	0
JORDAN	20	16	12	10
GUATEMA	43	16	45	13
BERMUDA	21	14	0	0
COLOMBI	10	12	0	0
BRAZIL	16	11	13	9
SALVADO	30	9	8	5
COSTA R	9	9	2	2
OTHER	19	20	8	8
TOTAL	130,261	$94,772	111,862	$81,502

1465500 STRAWBERRIES, FRESH --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	20,650	19,421	103	110
JAPAN	6,672	13,623	6,580	13,556
WEST GE	575	571	572	664
UNITED	756	661	720	592
HONG KO	442	631	442	631
AUSTRAL	481	434	449	414
FRANCE	295	295	22	20
KUWAIT	111	181	106	167
SWEDEN	137	126	120	108
SWITZER	114	121	11	10
ARAB EM	53	58	44	41
ISRAEL	58	51	20	10
SINGAPO	40	49	40	49
MEXICO	65	46	7	7
NORWAY	40	38	35	33
FRENCH	23	36	22	31
DENMARK	31	32	11	10
TAIWAN	17	29	17	29
NETHERL	22	23	10	10
SAUDIA	4	15	0	0
ITALY	14	14	9	9
NEW ZEL	8	11	2	6
BELGIUM	11	9	0	0
BAHAMAS	9	7	0	0
OTHER	1	4	1	4
TOTAL	30,667	$36,584	9,343	$16,509

1497300 STRAWBERRIES, FROZEN --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	12,822	6,707	8,733	4,194
CANADA	2,334	1,293	0	0
AUSTRAL	2,174	1,150	1,215	607
NEW ZEL	213	113	81	40
HONG KO	93	59	93	59
UNITED	73	46	5	5
TRINIDA	49	28	0	0
FINLAND	36	22	36	22
FRANCE	7	6	7	6
SAUDIA	7	6	0	0
OTHER	12	10	9	8
TOTAL	17,819	$9,475	10,180	$4,942

1473120 TANGERINES, FRESH --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	23,504	5,469	0	0
HONG KO	6,163	2,516	6,163	2,516
NETHERL	1,397	436	583	144
FRANCE	979	220	445	100
TAIWAN	696	181	696	181
WEST GE	715	164	230	51
UNITED	380	65	119	28

COUNTRY OF DESTINATION	CALENDAR YEAR 1985 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
AUSTRAL	77	59	58	53
JAPAN	147	38	147	38
NEW ZEL	94	26	94	26
BELGIUM	78	24	78	24
FRENCH	47	16	47	16
MALAYSA	38	12	38	12
SWEDEN	39	12	39	12
MEXICO	41	11	31	3
BAHAMAS	22	10	0	0
TOTAL	35,017	$9,279	6,767	$3,209

1452800 WALNUTS, NOT SHLLD OR ROASTED--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
WEST GE	30,255	21,526	14,311	10,809
SPAIN	28,253	19,891	24,647	17,341
ITALY	13,479	9,495	10,762	7,643
MEXICO	6,683	5,095	6,614	5,043
NETHERL	5,608	4,249	3,933	2,995
CANADA	4,013	3,445	0	0
JAPAN	2,283	2,429	2,283	2,429
FRANCE	3,091	2,065	2,926	1,953
UNITED	1,798	1,434	1,234	1,029
BELGIUM	2,312	1,426	516	369
DENMARK	1,161	823	996	745
SWITZER	993	779	853	709
SWEDEN	868	770	868	770
ISRAEL	802	721	791	714
AUSTRAL	901	703	861	679
NORWAY	835	605	830	601
AUSTRIA	706	572	121	153
TAIWAN	447	485	447	485
VENEZUE	308	291	59	55
PORTUGA	314	202	314	202
GREECE	167	196	167	196
BRAZIL	154	119	0	0
PHILLIP	86	75	78	69
PANAMA	89	72	33	67
FINLAND	51	41	51	41
MALTA	47	35	0	0
SINGAPO	29	23	29	23
REP. SO	21	22	21	22
HONG KO	21	21	21	21
SAUDIA	20	19	20	19
BERMUDA	8	16	0	0
DOMINIC	28	13	0	0
BAHAMAS	14	13	0	0
ECUADOR	14	10	14	10
N ANTIL	8	8	0	0
OTHER	7	5	7	5
TOTAL	105,874	$77,694	73,886	$55,202

1455100 WALNUTS, SHELLED, NOT BLANCHED--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	2,774	4,244	2,774	4,244
AUSTRAL	2,089	3,149	1,775	2,903
ISRAEL	1,604	2,630	1,548	2,534
CANADA	2,892	2,468	0	0
SPAIN	1,571	2,276	1,193	1,385
TAIWAN	1,842	2,234	1,764	2,110
GREECE	1,496	2,108	1,415	1,967
WEST GE	2,322	1,821	1,630	1,280
UNITED	657	943	586	834
NETHERL	721	742	489	582
AUSTRIA	522	711	246	312
SWITZER	400	588	378	555
ITALY	519	432	396	305
SWEDEN	122	254	122	254
NORWAY	177	234	177	234
REP. SO	120	233	80	155
VENEZUE	121	111	28	42
PANAMA	46	95	46	95
MEXICO	118	74	7	7
SINGAPO	25	59	25	59
PHILLIP	23	45	22	42
DENMARK	44	41	44	41
NEW ZEL	29	32	29	32
DOMINIC	31	31	0	0
INDONES	18	28	13	28
THIALAN	108	25	108	25
BELGIUM	40	25	0	0
BERMUDA	15	22	0	0

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1989

COUNTRY OF DESTINATION	CALENDAR YEAR 1989 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
GUATEMA	53	21	53	21
SAUDIA	25	19	25	19
N ANTIL	14	10	1	2
FRENCH	20	9	20	9
COSTA R	15	3	0	0
HONG KO	15	6	15	6
ICELAND	2	6	2	5
OTHER	12	13	5	7
TOTAL	20,501	$25,747	15,019	$20,595

1493060 OTH FRSH ED FRUIT EXCL PAPAY--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	14,366	5,123	80	52
NETHERL	5,232	4,511	0	0
JAPAN	2,979	2,955	2,969	2,953
UNITED	4,148	2,209	108	129
BERMUDA	5,059	1,667	0	0
HONG KO	798	556	795	554
KUWAIT	469	693	469	693
ARAB EM	196	333	187	309
FRANCE	302	326	295	103
N ANTIL	599	311	0	0
SINGAPO	136	217	136	217
SAUDIA	332	207	326	205
AUSTRAL	299	205	299	205
MEXICO	737	194	534	109
TAIWAN	286	149	286	149
PHILLIP	166	100	170	95
SWEDEN	79	86	79	86
FRENCH	105	75	105	75
BAHAMAS	165	74	0	0
TURKS &	23	45	0	0
ANTIGUA	162	41	0	0
SPAIN	135	40	0	0
NEW ZEL	42	34	42	34
ST. LUC	112	34	0	0
NEW CAL	28	30	28	30
COLOMBI	35	28	0	0
PANAMA	79	24	0	0
ANGUILL	65	23	0	0
ANGOLA	34	23	0	0
NORWAY	14	22	14	22
ICELAND	15	22	0	0
ST CHRI	35	16	0	0
GUINEA	12	11	0	0
BRUNEI	4	11	4	11
BARBADO	19	10	0	0
TRINIDA	33	10	0	0
FINLAND	15	10	0	0
SWITZER	3	9	0	0
OTHER	15	12	0	0
TOTAL	37,156	$20,827	6,902	$6,329

1509000 MIXTURE, 2 OR MORE DRY FRUIT--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
SWEDEN	1,184	1,343	1,184	1,343
CANADA	628	647	0	0
FINLAND	348	382	270	293
NEW ZEL	244	245	244	245
UNITED	111	124	106	106
MEXICO	106	112	58	69
WEST GE	112	95	112	95
JAPAN	133	79	133	79
HONG KO	74	77	74	77
DENMARK	84	59	83	57
TRINIDA	110	57	0	0
SINGAPO	59	56	59	56
GUATEMA	85	55	85	55
ICELAND	33	39	33	39
PHILLIP	34	34	34	34
THIALAN	21	28	21	28
BARBADO	25	27	0	0
TAIWAN	53	24	53	24
SWITZER	23	24	23	24
PANAMA	19	19	2	2
INDONES	17	13	17	13
AUSTRAL	7	7	7	7
BERMUDA	6	6	0	0
OTHER	10	12	4	4
TOTAL	3,324	$3,365	2,601	$2,651

COUNTRY OF DESTINATION	CALENDAR YEAR 1989 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000

1351800 ASPARAGUS, FRESH OR CHILLED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	12,872	18,213	12,710	17,966
CANADA	10,281	8,916	24	23
ITALY	1,352	2,617	768	1,111
UNITED	1,834	2,271	943	1,172
SWITZER	1,599	1,706	52	47
HONG KO	318	427	268	350
WEST GE	179	212	66	80
AUSTRAL	171	203	158	186
SINGAPO	47	51	29	37
FRANCE	46	60	7	5
SOUTH K	35	54	35	54
NETHERL	60	40	58	37
SWEDEN	25	33	0	0
MEXICO	53	33	40	17
NORWAY	14	21	11	17
KUWAIT	5	11	5	11
SPAIN	6	9	0	0
OTHER	8	9	0	0
TOTAL	29,408	$34,896	15,175	$21,113

1410100 ASPARAGUS,CND,EXCL. PICKLED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
UNITED	691	553	0	0
NETHERL	337	406	245	273
JAPAN	407	311	329	273
CANADA	326	177	0	0
HAITI	247	173	0	0
SWEDEN	144	152	44	24
SPAIN	141	112	106	57
SWITZER	95	108	0	0
DENMARK	86	107	24	19
FRENCH	113	104	113	104
BELGIUM	61	90	0	0
SINGAPO	131	76	174	69
ICELAND	121	50	8	7
SAUDIA	75	46	13	7
NORWAY	31	42	0	0
AUSTRAL	73	40	0	0
SOUTH K	58	31	58	31
HONG KO	79	27	79	27
ARAB EM	48	26	42	23
MEXICO	49	23	49	23
PERU	39	21	0	0
HONDURA	20	19	0	0
WEST GE	91	12	0	0
LEBANON	17	9	17	9
MALAYSA	28	8	28	8
PANAMA	9	6	0	0
N ANTIL	11	6	5	3
OTHER	24	23	3	4
TOTAL	3,596	$2,768	1,341	$966

1352300 BROCCOLI, FRESH OR CHILLED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	50,555	13,247	0	0
JAPAN	3,534	1,388	3,534	1,388
HONG KO	1,134	229	1,134	229
MEXICO	275	64	178	35
GUATEMA	510	61	0	0
UNITED	134	55	131	53
SOUTH K	171	45	171	45
WEST GE	84	22	0	0
OTHER	64	15	52	6
TOTAL	56,463	$15,126	5,201	$1,758

1352700 CABBAGE, FRESH OR CHILLED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	11,641	1,318	0	0
HONG KO	1,643	301	1,643	301
TAIWAN	299	53	299	53
UNITED	222	45	0	0
NETHERL	175	32	0	0
SINGAPO	72	17	72	17
JAPAN	125	16	125	16
MEXICO	45	10	45	10
COSTA R	46	5	0	0
OTHER	70	14	0	0

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1983

COUNTRY OF DESTINATION	CALENDAR YEAR 1983 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
TOTAL	14,339	$1,311	2,184	$398
1352900	CARROTS, FRESH OR CHILLED		--LB	
CANADA	42,371	8,545	0	0
ARAB EM	9,307	2,162	6,809	1,520
TRINIDA	3,134	744	0	0
SWEDEN	4,048	437	2,772	273
UNITED	2,314	338	736	133
NORWAY	2,267	264	1,933	233
FINLAND	1,246	179	399	56
KUWAIT	1,122	164	865	143
HONG KO	514	113	211	48
JAPAN	330	100	165	65
SINGAPO	353	71	383	71
FRENCH	163	35	163	35
MALAYSA	197	30	197	30
BAHRAIN	96	18	96	18
IRELAND	182	17	0	0
SPAIN	153	15	0	0
DOMINIC	50	12	0	0
BELGIUM	144	11	0	0
DENMARK	56	9	40	5
MEXICO	37	7	13	3
NETHERL	25	6	0	0
GRENADA	46	9	0	0
OTHER	64	15	0	0
TOTAL	63,328	$13,317	14,840	$2,637
1361000	CARROTS, FROZEN		--LB	
JAPAN	10,535	2,214	1,479	495
CANADA	1,622	426	36	9
ARAB EM	1,769	324	1,629	299
UNITED	868	142	259	41
SINGAPO	669	124	669	124
FINLAND	761	108	433	62
HONG KO	425	77	373	62
KUWAIT	398	69	292	52
NORWAY	281	47	281	47
N ANTIL	142	34	0	0
MALAYSA	213	31	218	31
BAHRAIN	142	27	142	27
AUSTRAL	48	17	7	3
NETHERL	109	16	109	16
ANTIGUA	47	11	0	0
TAIWAN	48	10	48	10
ANGOLA	33	8	0	0
SWEDEN	44	7	44	7
MEXICO	64	6	45	2
OTHER	69	11	2	2
TOTAL	18,082	$3,704	5,071	$1,287
1353100	CAULIFLOWER, FRESH OR CHILLED--LB			
CANADA	40,566	10,844	0	0
HONG KO	180	71	180	71
MEXICO	166	44	0	0
MALAYSA	105	32	105	32
JAPAN	109	32	109	32
SINGAPO	54	16	54	16
UNITED	6	5	5	5
OTHER	41	7	5	3
TOTAL	41,228	$11,051	460	$159
1353300	CELERY, FRESH OR CHILLED		--LB	
CANADA	95,942	12,877	0	0
HONG KO	13,938	2,527	13,938	2,527
TAIWAN	5,468	1,056	5,448	1,056
UNITED	2,344	687	120	47
MEXICO	3,437	642	3,053	575
SINGAPO	1,816	345	1,816	345
NETHERL	1,638	270	0	0
JAPAN	1,247	231	1,247	231
SWEDEN	1,255	166	0	0
MALAYSA	263	40	263	40
SOUTH K	77	15	77	15
KUWAIT	28	9	28	9
SAUDIA	7	7	7	7
FINLAND	29	6	0	0
N ANTIL	43	6	0	0
OTHER	19	6	0	0
TOTAL	127,731	$18,892	25,996	$4,854
1354000	GARLIC, FRESH OR CHILLED		--LB	
AUSTRAL	1,412	916	1,412	916
CANADA	1,399	596	7	4
FIJI	899	453	899	453
DOMINIC	833	430	0	0
UNITED	442	326	373	264
JAPAN	338	184	160	95
TRINIDA	406	183	0	0
FRENCH	222	148	222	148
HAITI	468	139	0	0
VENEZUE	48	105	4	5
FRANCE	234	105	191	97
ST. LUC	181	92	0	0
HONG KO	339	58	339	58
SURINAM	126	49	0	0
MEXICO	99	48	65	34
PANAMA	235	45	235	45
KUWAIT	43	26	43	26
ARAB EM	41	24	41	24
N ANTIL	47	17	0	0
AUSTRIA	41	17	41	17
PHILLIP	25	10	3	5
WEST SA	24	10	24	10
GRENADA	7	8	0	0
TAIWAN	36	7	0	0
S VN GR	8	6	0	0
FRENCH	13	5	0	0
OTHER	4	2	0	0
TOTAL	7,970	$4,011	4,059	$2,202
1405100	GARLIC, DRIED, ETC., EXC. FLOUR--LB			
CANADA	2,538	1,299	18	14
UNITED	1,438	1,143	388	259
VENEZUE	834	1,095	509	666
AUSTRAL	1,078	984	1,073	984
WEST GE	833	674	580	495
JAPAN	261	320	261	320
FINLAND	326	258	320	250
SWEDEN	234	203	161	111
ISRAEL	247	197	247	197
SWITZER	135	119	81	53
REP. SO	102	117	58	50
BELGIUM	202	116	0	0
NETHERL	122	73	116	69
PANAMA	125	62	123	59
SALVADO	46	58	46	58
COSTA R	39	48	5	7
FIJI	144	48	144	48
DOMINIC	55	44	20	18
NORWAY	23	41	15	32
COLOMBI	40	40	33	31
DENMARK	33	35	9	12
TRINIDA	40	29	0	0
FRANCE	44	28	28	15
INDONES	19	20	19	20
NEW ZEL	15	19	15	19
PHILLIP	8	11	8	11
HAITI	33	11	0	0
FRENCH	9	7	9	7
MEXICO	11	6	0	0
ITALY	12	6	12	6
OTHER	13	10	3	5
TOTAL	9,059	$7,122	4,306	$3,816
1354300	LETTUCE, FRESH OR CHILLED		--LB	
CANADA	299,277	40,375	54	39
HONG KO	33,055	6,609	32,800	6,541
UNITED	3,174	1,613	577	239
TAIWAN	2,792	587	2,708	583
MEXICO	3,415	414	1,155	143

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988			
	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
N ANTIL	1,915	366	0	0
SINGAPO	1,411	291	1,411	291
JAPAN	318	195	318	195
BAHAMAS	689	191	0	0
ARUBA	305	122	0	0
KUWAIT	443	115	443	115
SWEDEN	419	54	0	0
BERMUDA	162	38	0	0
SOUTH K	85	37	85	37
NETHERL	274	36	0	0
GUINEA	13	7	0	0
WEST GE	12	6	12	6
OTHER	42	12	2	2
TOTAL	348,300	$51,070	40,066	$8,197
1354500	ONIONS,FRSH OR CHLLD,EX SETS--LB			
CANADA	100,825	12,258	7	3
JAPAN	39,926	10,944	15,321	2,103
TAIWAN	17,437	2,152	5,092	597
HONG KO	11,764	1,590	5,893	1,204
UNITED	2,244	764	1,440	436
PANAMA	4,315	592	3,324	411
MEXICO	5,762	565	2,528	243
AUSTRAL	2,367	290	2,059	253
FIJI	1,504	220	553	109
BAHAMAS	1,255	166	0	0
FRENCH	1,143	159	1,143	159
SINGAPO	1,405	154	399	60
NORWAY	953	124	0	0
SWEDEN	761	69	0	0
BERMUDA	515	56	0	0
N ANTIL	562	60	0	0
HONDURA	367	44	0	0
NEW CAL	261	43	201	26
NETHERL	95	39	0	0
JAMAICA	132	27	0	0
ARAB EM	168	25	165	25
TRINIDA	268	24	0	0
FINLAND	142	17	0	0
PHILLIP	135	16	135	16
COSTA R	115	15	0	0
MALAYSA	170	12	0	0
GUINEA	50	10	0	0
BELIZE	43	9	0	0
WEST SA	58	8	58	8
CAYMAN	39	7	0	0
KUWAIT	46	5	46	5
BARBADO	45	5	0	0
OTHER	93	15	25	5
TOTAL	245,065	$30,475	41,558	$5,658
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR--LB			
JAPAN	12,405	7,097	5,201	5,468
UNITED	6,149	5,399	1,670	1,542
WEST GE	5,961	5,200	4,184	3,508
CANADA	3,362	3,340	0	0
AUSTRAL	2,893	2,778	2,371	2,756
SWEDEN	1,691	1,665	1,152	1,135
NETHERL	1,514	1,302	812	729
SWITZER	1,260	1,016	1,172	941
SPAIN	1,234	958	1,234	958
FINLAND	845	760	626	565
NORWAY	689	665	583	560
BELGIUM	465	331	18	18
INDONES	341	290	341	290
NEW ZEL	257	263	257	263
TAIWAN	313	248	80	65
DOMINIC	277	247	261	226
VENEZUE	213	231	213	231
IRELAND	254	201	143	113
DENMARK	171	178	126	133
ITALY	238	158	238	158
ISRAEL	174	154	141	126
REP. SO	110	94	66	54
SALVADO	87	85	87	85
COSTA R	92	83	19	14
FRANCE	130	71	119	63
PORTUGA	87	62	87	62
COLOMBI	48	60	37	50
SINGAPO	60	54	60	54
PHILLIP	27	45	22	39
MALAYSA	39	37	39	37
PANAMA	31	30	6	5
SOUTH K	25	25	0	0
JAMAICA	21	24	0	0
GREECE	33	23	22	15
HONG KO	25	22	25	22
GUATEMA	28	22	0	0
MEXICO	16	16	0	0
AUSTRIA	20	16	15	11
FIJI	10	10	0	0
THIALAN	10	8	10	8
OTHER	16	13	9	4
TOTAL	62,125	$33,303	21,944	$20,288
1354700	PEPPERS, FRESH OR CHILLED --LB			
CANADA	36,553	6,406	2	2
HONG KO	903	220	789	193
FRANCE	363	171	41	16
UNITED	326	66	13	3
MEXICO	340	37	286	25
SINGAPO	117	19	117	19
BAHAMAS	56	18	0	0
SWEDEN	77	12	0	0
OTHER	39	13	13	5
TOTAL	38,773	$6,962	1,265	$263
1354940	POTATOES, WHITE, FR EX SEED --LB			
CANADA	65,503	12,592	0	0
MEXICO	6,187	738	3,481	403
HONG KO	1,296	194	391	63
BAHAMAS	1,344	155	0	0
BARBADO	239	98	0	0
SINGAPO	149	28	40	4
N ANTIL	103	27	0	0
SOUTH K	76	26	0	0
GUINEA	93	19	0	0
DOMINIC	92	16	0	0
BERMUDA	99	14	0	0
HONDURA	63	13	0	0
JAMAICA	45	11	0	0
ARUBA	63	10	0	0
ANTIQUA	36	7	0	0
COOK IS	28	6	0	0
OTHER	99	19	64	11
TOTAL	75,494	$14,000	3,975	$481
1355300	TOMATOES, FRESH OR CHILLED --LB			
CANADA	151,621	44,187	0	0
HONG KO	6,550	1,746	6,550	1,746
MEXICO	1,396	331	123	20
BAHAMAS	446	189	0	0
JAPAN	516	138	516	133
NETHERL	173	74	0	0
SWITZER	126	54	0	0
UNITED	47	47	38	42
SWEDEN	75	37	0	0
ANTIQUA	53	20	0	0
CAYMAN	45	18	0	0
FRANCE	33	14	0	0
WEST GE	32	12	0	0
SINGAPO	24	9	24	9
SPAIN	42	9	0	0
BERMUDA	81	7	0	0
N ANTIL	20	6	0	0
GUINEA	22	6	0	0
OTHER	29	11	5	2
TOTAL	161,320	$46,916	7,256	$1,958
1412220	TOMATO PULP (PUREE), CANNED --LB			
JAPAN	2,565	1,064	2,543	1,041
HAITI	780	272	0	0
CANADA	766	199	0	0
MALAYSA	261	90	201	90

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
SINGAPO	107	39	104	35
AUSTRAL	115	32	115	32
SOUTH K	64	18	64	18
SAUDIA	36	11	36	11
BAHAMAS	34	9	0	0
OTHER	24	10	0	0
TOTAL	4,752	$1,742	3,122	$1,227

1412240 TMTO SC, EX CTSP & CHILI SC --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
UNITED	7,428	3,667	0	0
JAPAN	3,957	1,469	3,463	1,267
CANADA	2,638	776	0	0
FRENCH	881	359	881	359
MEXICO	701	219	55	21
SINGAPO	385	170	385	170
SAUDIA	163	99	57	32
HONG KO	217	81	147	60
BERMUDA	161	72	0	0
N ANTIL	222	56	0	0
	135	42	135	42
ARAB EM	67	23	59	19
KUWAIT	34	20	34	20
SOUTH K	29	17	29	17
PHILLIP	36	16	36	16
ICELAND	24	12	0	0
BELGIUM	31	11	0	0
BAHAMAS	52	10	0	0
JAMAICA	32	10	32	10
ECUADOR	12	9	0	0
ISRAEL	37	9	0	0
PANAMA	14	7	5	2
HAITI	21	6	0	0
NEW ZEL	18	6	18	6
OTHER	63	30	25	9
TOTAL	17,409	$7,195	5,401	$2,069

1412260 TOMATO PASTE, CANNED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	19,044	7,203	0	0
JAPAN	2,358	1,292	2,868	1,292
SOUTH K	1,557	682	1,511	664
HAITI	1,278	623	121	61
HONG KO	359	168	359	168
N ANTIL	223	155	4	2
SINGAPO	209	113	209	113
JAMAICA	181	81	104	40
ANTIQUA	76	51	0	0
NETHERL	65	45	0	0
MEXICO	101	42	101	42
BAHAMAS	56	38	0	0
SAUDIA	47	35	47	35
DOMINIC	34	30	0	0
MALAYSA	61	26	61	26
AUSTRAL	58	25	58	25
BERMUDA	34	23	0	0
PHILLIP	27	22	27	22
BELGIUM	32	21	32	21
COSTA R	33	17	0	0
ST CHRI	36	16	0	0
SPAIN	34	13	0	0
PANAMA	21	12	6	3
BARBADO	17	11	0	0
ANGOLA	36	9	0	0
INDONES	14	9	14	9
FRENCH	26	8	26	8
ARUBA	9	8	0	0
GHANA	11	6	0	0
GUYANA	9	5	0	0
OTHER	41	25	19	10
TOTAL	26,618	$10,816	5,587	$2,542

1412280 TOMATOES, CANNED, NSPF --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	8,233	2,227	0	0
JAPAN	1,418	411	1,418	411
SINGAPO	345	110	345	110
AUSTRAL	320	76	255	61
BERMUDA	162	67	0	0
SAUDIA	98	35	98	35
N ANTIL	117	31	0	0
TRINIDA	115	30	0	0
HONG KO	76	26	76	26
FRENCH	72	23	72	23
TAIWAN	355	19	355	19
BAHAMAS	48	13	0	0
ANGOLA	61	16	0	0
PHILLIP	72	16	72	16
ARUBA	51	15	0	0
SOUTH K	48	14	48	14
LEBANON	35	12	8	3
BARBADO	26	9	0	0
INDONES	19	8	19	8
ANTIQUA	31	8	0	0
BELIZE	23	8	0	0
DOMINIC	21	6	0	0
KUWAIT	15	5	0	0
NETHERL	18	5	0	0
OTHER	63	28	21	6
TOTAL	11,542	$3,224	2,787	$733

1663020 TOMATO JUICE & MIX VEG JUICE--GAL

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	353	1,014	210	621
HONG KO	270	637	270	637
CANADA	189	377	0	0
SINGAPO	121	261	120	260
AUSTRAL	374	222	374	222
HAITI	88	200	0	0
SOUTH K	86	165	82	158
ARAB EM	71	155	15	39
MEXICO	68	105	40	46
TAIWAN	47	94	44	75
MALAYSA	27	78	27	78
SWEDEN	24	71	24	71
SAUDIA	33	68	4	8
SWITZER	21	52	0	0
KUWAIT	20	51	15	39
INDONES	21	51	21	51
QATAR	17	38	0	0
OMAN	15	36	1	3
BAHRAIN	13	26	0	0
DOMINIC	28	23	0	0
ECUADOR	12	23	0	0
BARBADO	13	18	0	0
N ANTIL	17	18	1	2
BERMUDA	19	15	0	0
NORWAY	6	15	1	3
COLOMBI	3	13	0	0
GREECE	4	9	0	0
LIBERIA	4	9	0	0
PHILLIP	2	8	2	8
HONDURA	8	6	0	0
ANTIQUA	2	6	0	0
BELIZE	2	5	0	0
OTHER	12	22	0	0
TOTAL	1,989	$3,892	1,251	$2,320

1824420 CATSUP AND CHILI SAUCE --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
HONG KO	8,057	2,750	8,057	2,750
JAPAN	6,713	2,394	6,643	2,376
CANADA	2,136	559	0	0
SAUDIA	1,784	528	126	34
FRENCH	831	440	831	440
SINGAPO	808	346	808	346
TAIWAN	829	298	761	274
BAHAMAS	550	264	0	0
N ANTIL	497	203	0	0
KUWAIT	404	153	170	57
NETHERL	584	150	0	0
BERMUDA	294	146	0	0
ARAB EM	225	141	0	0
SWEDEN	356	139	181	86
PHILLIP	266	95	262	93
MEXICO	294	73	243	58
SOUTH K	191	71	191	71
ISRAEL	97	51	0	0
ANTIQUA	92	50	0	0
PANAMA	116	48	30	14
BARBADO	107	40	0	0
ECUADOR	60	35	0	0

--CONTINUED ON NEXT PAGE--

TABLE 5. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1983 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
DENMARK	60	31	60	31
FRANCE	136	30	136	30
AUSTRAL	112	26	112	26
COLOMBI	112	25	0	0
ARUBA	62	23	0	0
HONDURA	57	21	0	0
SWITZER	91	20	0	0
QATAR	67	20	45	10
SPAIN	40	17	0	0
LIBERIA	25	16	0	0
HAITI	67	15	0	0
DOMINIC	19	15	0	0
CAYMAN	19	12	0	0
COSTA R	13	11	0	0
BAHRAIN	20	10	0	0
INDONES	22	9	22	9
JORDAN	15	8	12	5
BELIZE	5	7	0	0
GRENADA	13	7	0	0
OTHER	101	30	10	3
TOTAL	25,446	$9,354	18,721	$6,713

1521700 SPICE AND SPICE SEEDS, NSPF --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	3,676	5,566	3	5
WEST GE	1,562	2,572	299	1,110
MEXICO	1,545	1,542	1,110	1,125
UNITED	936	1,344	594	600
SAUDIA	612	1,251	52	80
AUSTRAL	315	858	299	611
JAPAN	411	846	393	812
SOUTH K	349	845	329	749
BAHAMAS	563	671	0	0
SWEDEN	340	562	220	280
NETHERL	484	461	192	200
VENEZUE	317	350	0	0
JAMAICA	234	346	0	0
PANAMA	256	330	0	0
KUWAIT	132	257	130	253
SINGAPO	98	225	61	177
HONG KO	153	207	117	187
TAIWAN	544	204	325	192
FRANCE	113	203	53	56
SALVADO	81	192	0	0
DOMINIC	132	189	0	0
PHILLIP	120	173	94	141
DENMARK	61	164	17	35
BRAZIL	61	162	0	0
SURINAM	92	145	0	0
COSTA R	83	123	0	0
SWITZER	16	109	6	32
N ANTIL	50	105	0	0
BERMUDA	79	101	0	0
AUSTRIA	31	97	0	0
FINLAND	61	91	53	85
ARAB EM	42	90	7	11
BELGIUM	31	90	2	2
LIBERIA	43	88	0	0
ARUBA	36	73	0	0
REP. SO	63	63	24	29
BARBADO	50	68	0	0
SPAIN	77	61	0	0
COLOMBI	23	58	0	0
YUGOSLO	25	56	0	0
INDONES	7	55	7	55
CAYMAN	17	51	0	0
TRINIDA	41	48	0	0
THIALAN	8	41	8	41
GREECE	7	31	0	0
HAITI	20	31	0	0
IVORY C	10	31	0	0
BAHRAIN	7	30	0	0
ST. LUC	32	26	0	0
BELIZE	21	25	0	0
IRELAND	8	23	5	12
NEW ZEL	9	22	8	18
HONDURA	6	21	0	0
ARGENTI	22	21	0	0
GUATEMA	9	20	7	10
	39	18	5	3
GUYANA	16	16	0	0
MALAYSA	6	15	3	7
ISRAEL	12	15	0	0
BOLIVIA	5	15	0	0
PORTUGA	1	13	1	13
JORDAN	4	11	0	0
MONTSER	5	9	0	0
ANGOLA	6	9	0	0
INDIA	5	9	5	9
GRENADA	4	9	0	0
ECUADOR	11	9	0	0
B VIRGN	1	8	0	0
ICELAND	4	8	0	0
NORWAY	5	7	0	0
FIJI	4	7	4	7
ST CHRI	3	7	0	0
CYPRUS	1	5	0	0
CHILE	1	5	0	0
OTHER	10	15	2	8
TOTAL	14,110	$21,628	4,428	$7,184

1921120 CUT FLOWERS, FRSH SPRAYS ETC--

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
WEST GE	0	3,450	0	16
NETHERL	0	1,606	0	0
JAPAN	0	1,256	0	613
CANADA	0	935	0	31
ITALY	0	201	0	196
MEXICO	0	109	0	20
UNITED	0	89	0	0
FRANCE	0	72	0	65
BELGIUM	0	53	0	0
FINLAND	0	46	0	0
SWITZER	0	43	0	23
AUSTRIA	0	33	0	0
BAHAMAS	0	29	0	0
ANTIQUA	0	19	0	0
AUSTRAL	0	13	0	13
SPAIN	0	12	0	4
KUWAIT	0	9	0	9
VENEZUE	0	8	0	0
JAMAICA	0	7	0	0
SOUTH K	0	7	0	5
COLOMBI	0	6	0	0
HONG KO	0	6	0	0
BERMUDA	0	5	0	0
OTHER	0	7	0	0
TOTAL	0	$8,022	0	$1,002

1921140 FOLIAGE,ORNAMENTAL PURPOSES --

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
NETHERL	0	11,772	0	11
WEST GE	0	10,175	0	3
CANADA	0	3,109	0	64
JAPAN	0	2,546	0	331
SWITZER	0	1,699	0	0
FINLAND	0	324	0	2
UNITED	0	316	0	0
HONG KO	0	235	0	0
N ANTIL	0	200	0	0
NORWAY	0	149	0	0
ITALY	0	142	0	0
BAHAMAS	0	129	0	0
BELGIUM	0	127	0	0
MEXICO	0	121	0	46
PANAMA	0	73	0	0
FRANCE	0	69	0	0
JAMAICA	0	56	0	0
KUWAIT	0	51	0	40
SINGAPO	0	41	0	0
SPAIN	0	40	0	0
AUSTRIA	0	37	0	0
DENMARK	0	26	0	21
MALAYSA	0	27	0	0
AUSTRAL	0	14	0	14
BERMUDA	0	13	0	0
ARUBA	0	12	0	0
SWEDEN	0	12	0	0
TAIWAN	0	12	0	0
COLOMBI	0	9	0	0
CAYMAN	0	8	0	0
BAHRAIN	0	6	0	0
OTHER	0	30	0	2
TOTAL	0	$31,578	0	$534

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1983

1253100 BULBS, ROOTS, ROOTSTOCKS,ETC--

COUNTRY OF DESTINATION	CALENDAR YEAR 1983 U.S. NET QUANTITY	 U.S. NET VALUE	 CAL. PORTS QUANTITY	 CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
CANADA	0	1,529	0	24
NETHERL	0	542	0	224
JAPAN	0	265	0	189
PERU	0	203	0	0
EGYPT	0	166	0	157
MEXICO	0	111	0	95
WEST GE	0	91	0	11
HONG KO	0	90	0	2
BELGIUM	0	69	0	9
UNITED	0	60	0	0
SAUDIA	0	59	0	0
FRANCE	0	48	0	0
NEW ZEL	0	41	0	41
JAMAICA	0	31	0	0
CAMROON	0	28	0	0
SOUTH K	0	26	0	26
SINGAPO	0	19	0	12
SWITZER	0	16	0	0
AUSTRAL	0	11	0	8
GUATEMA	0	10	0	8
VENEZUE	0	9	0	9
COLOMBI	0	7	0	0
OTHER	0	26	0	10
TOTAL	0	$3,499	0	$825

1255200 FRUIT AND NUT PLANTS, ETC --

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	0	2,156	0	8
SAUDIA	0	544	0	22
MEXICO	0	419	0	169
JORDAN	0	364	0	0
SPAIN	0	257	0	221
ITALY	0	193	0	198
URUGUAY	0	180	0	180
GUATEMA	0	165	0	37
BAHAMAS	0	120	0	0
KENYA	0	115	0	114
EGYPT	0	93	0	98
PORTUGA	0	95	0	0
VENEZUE	0	70	0	0
NETHERL	0	69	0	0
HONDURA	0	62	0	0
GREECE	0	55	0	0
COSTA R	0	44	0	0
ARGENTI	0	37	0	37
CAYMAN	0	35	0	0
COLOMBI	0	27	0	0
FRANCE	0	24	0	22
JAPAN	0	18	0	10
BRAZIL	0	16	0	16
SALVADO	0	13	0	0
CHINA M	0	11	0	4
DOMINIC	0	9	0	0
BOLIVIA	0	7	0	0
UNITED	0	6	0	0
ARAB EM	0	6	0	6
OTHER	0	18	0	2
TOTAL	0	$5,260	0	$1,143

1256500 ROSE PLANTS --

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	0	2,562	0	39
MEXICO	0	266	0	10
GUATEMA	0	98	0	18
ECUADOR	0	50	0	2
FRANCE	0	47	0	47
BOLIVIA	0	44	0	0
HONDURA	0	35	0	0
COLOMBI	0	33	0	0
ANTIGUA	0	26	0	26
JAMAICA	0	21	0	0
TRINIDA	0	15	0	0
JAPAN	0	14	0	12
FRENCH	0	10	0	10
ST CHRI	0	6	0	0
OTHER	0	4	0	2
TOTAL	0	$3,231	0	$165

1258100 LIVE PLANTS, NSPF --

COUNTRY OF DESTINATION	CALENDAR YEAR 1983 U.S. NET QUANTITY	 U.S. NET VALUE	 CAL. PORTS QUANTITY	 CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
CANADA	0	13,209	0	101
NETHERL	0	3,094	0	144
MEXICO	0	1,561	0	773
SPAIN	0	951	0	585
WEST GE	0	821	0	205
BELGIUM	0	699	0	0
JAPAN	0	665	0	285
BAHAMAS	0	646	0	0
POLAND	0	599	0	0
DENMARK	0	505	0	16
FRANCE	0	411	0	4
ITALY	0	403	0	139
UNITED	0	366	0	16
COSTA R	0	347	0	0
SAUDIA	0	296	0	204
CAYMAN	0	289	0	0
N ANTIL	0	265	0	0
ARUBA	0	259	0	0
YEMEN S	0	223	0	161
SWITZER	0	222	0	4
GUATEMA	0	198	0	3
VENEZUE	0	100	0	0
COLOMBI	0	96	0	0
EGYPT	0	93	0	93
AUSTRAL	0	72	0	46
CHILE	0	56	0	19
B VIRGN	0	55	0	0
ARGENTI	0	50	0	48
TAIWAN	0	46	0	38
GUADELO	0	46	0	0
DOMINIC	0	40	0	0
JAMAICA	0	39	0	12
KUWAIT	0	38	0	34
ANTIQUA	0	37	0	0
PANAMA	0	33	0	0
ARAB EM	0	33	0	28
BERMUDA	0	29	0	0
ECUADOR	0	26	0	0
HAITI	0	24	0	0
SWEDEN	0	23	0	23
FINLAND	0	20	0	19
TURKS &	0	20	0	0
JORDAN	0	18	0	0
TRINIDA	0	17	0	0
HONG KO	0	16	0	2
BARBADO	0	16	0	0
PERU	0	14	0	0
OMAN	0	13	0	13
PAKISTA	0	10	0	0
ISRAEL	0	10	0	10
URUGUAY	0	10	0	5
NORWAY	0	8	0	8
FRENCH	0	8	0	0
THIALAN	0	8	0	0
QATAR	0	8	0	8
ICELAND	0	7	0	0
ZAMBIA	0	6	0	6
ZIMBAWB	0	5	0	5
SINGAPO	0	5	0	5
BOLIVIA	0	5	0	0
FRENCH	0	5	0	0
OTHER	0	22	0	4
TOTAL	0	$32,208	0	$3,072

1264100 FLOWER SEED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
UNITED	114	2,174	91	861
CANADA	215	1,461	1	39
NETHERL	18	976	7	595
WEST GE	35	969	22	562
FRANCE	16	879	7	326
DENMARK	27	537	4	359
JAPAN	78	373	60	315
AUSTRAL	19	235	18	204
MEXICO	43	211	21	99
REP. SO	15	180	9	111
SWEDEN	4	143	4	82
CHINA M	17	135	17	135
SOUTH K	1	112	1	26
SWITZER	2	108	1	41
ARGENTI	4	95	4	95

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	 U.S. NET VALUE	 CAL. PORTS QUANTITY	 CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
HONG KO	10	56	10	56
ITALY	1	46	1	30
NEW ZEL	2	43	2	43
PERU	4	37	3	31
ISRAEL	1	27	1	17
BAHAMAS	13	15	0	0
AUSTRIA	1	16	0	3
ZAIRE	0	15	0	0
SAUDIA	0	12	0	4
BRAZIL	1	11	1	11
SPAIN	1	10	0	5
THIALAN	0	9	0	0
BELGIUM	0	8	0	6
TAIWAN	0	7	0	2
TURKEY	0	6	0	6
MAURITA	0	5	0	5
OTHER	21	22	1	9
TOTAL	560	$8,935	285	$4,077

1271580 VEGETABLE SEEDS, NSPF --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
ITALY	1,476	5,934	1,135	6,295
VENEZUE	709	5,962	75	935
NETHERL	2,638	5,959	1,360	3,500
JAPAN	1,358	4,812	711	2,774
MEXICO	1,150	4,216	193	904
BRAZIL	399	3,146	340	2,712
SAUDIA	1,053	2,949	1,044	2,777
CANADA	760	2,724	17	63
IRAQ	364	2,690	199	684
SPAIN	319	1,531	220	1,231
HONG KO	438	1,461	229	1,257
REP. SO	513	1,233	198	734
ARGENTI	263	1,176	147	898
FRANCE	266	1,170	209	877
EGYPT	116	1,121	34	411
JORDAN	201	1,020	127	917
AUSTRAL	170	945	114	850
SYRIA	91	936	58	678
PORTUGA	64	913	59	854
GUATEMA	161	905	49	502
UNITED	706	891	340	508
DOMINIC	112	885	9	78
DENMARK	540	742	22	85
TURKEY	98	738	29	235
WEST GE	250	654	49	185
LEBANON	80	549	25	233
PHILLIP	103	634	103	634
PERU	124	623	123	617
COLOMBI	120	600	82	405
HONDURA	131	592	27	120
COSTA R	77	585	45	339
GREECE	196	529	109	328
CHILE	104	512	53	360
ECUADOR	69	407	63	399
THIALAN	267	405	75	252
ARAB EM	49	311	49	311
CHINA M	26	307	25	202
ISRAEL	35	280	33	254
KENYA	65	266	36	124
OMAN	52	259	48	235
PAKISTA	100	255	83	245
SUDAN	20	246	7	40
MOROCCO	70	237	32	126
HAITI	20	219	0	0
TRINIDA	42	211	0	0
SALVADO	42	199	22	141
TAIWAN	154	193	104	160
JAMAICA	27	191	3	21
ALGERIA	44	187	44	187
SRI LAN	21	183	21	183
NEW ZEL	33	122	33	122
QATAR	14	119	13	117
PANAMA	8	102	7	84
NIGERIA	32	97	32	97
BELGIUM	33	97	6	21
AUSTRIA	15	96	9	43
TUNISIA	17	92	17	92
MOZAMBQ	54	77	0	0
ZIMBAWB	4	60	4	60
YEMEN A	8	60	5	31
URUGUAY	16	55	14	48
SWITZER	14	53	14	53
GUADELO	2	44	0	0
BOLIVIA	2	43	2	29
CYPRUS	10	42	10	42
BAHRAIN	19	32	5	6
MARTINI	2	31	0	0
FRENCH	4	29	4	29
SWEDEN	7	28	2	18
NEW CAL	3	26	3	26
SOUTH K	6	26	2	9
KUWAIT	6	25	6	25
INDIA	1	18	1	18
FIJI	10	18	1	11
YEMEN S	3	17	2	14
GRENADA	3	16	0	0
MALAWI	4	16	4	16
SINGAPO	2	15	2	15
MAURITI	2	13	2	13
S VN GR	1	11	0	0
BARBADO	2	10	0	0
INDONES	1	9	1	9
ANTIQUA	0	9	0	0
MALAYSA	1	8	1	8
ZAMBIA	2	7	1	2
IVORY C	1	7	1	7
ST CHRI	0	6	0	0
OTHER	8	41	3	21
TOTAL	17,114	$66,419	8,391	$37,341

1271590 SEEDS, NSPF --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
VENEZUE	1,335	4,113	12	92
MEXICO	1,746	3,214	495	759
CANADA	2,466	2,714	0	0
JAPAN	1,087	2,247	695	1,835
ITALY	3,136	2,105	446	449
SPAIN	5,236	2,029	4,800	1,673
NETHERL	1,111	1,640	191	557
COLOMBI	254	593	72	146
ALGERIA	780	540	1	30
UNITED	460	539	364	319
SAUDIA	176	444	99	329
WEST GE	126	408	3	17
GUATEMA	87	371	34	146
TURKEY	636	356	7	104
AUSTRAL	65	329	55	293
ARGENTI	138	311	132	307
IRAQ	99	282	99	282
DOMINIC	55	281	29	148
CHILE	7	235	5	120
GREECE	466	217	381	183
REP. SO	35	187	3	49
HONG KO	47	170	32	165
FRANCE	40	167	27	96
EGYPT	22	157	3	24
HONDURA	268	155	0	0
ETHIOPI	56	149	43	140
BRAZIL	52	142	49	111
PORTUGA	175	141	34	57
COSTA R	61	139	7	25
YUGOSLO	133	134	0	0
ECUADOR	28	134	25	118
JAMAICA	115	133	25	23
ISRAEL	50	132	48	111
BOLIVIA	33	129	33	129
PERU	35	128	18	87
NEW ZEL	19	118	14	95
TAIWAN	108	113	3	11
PAKISTA	33	112	33	90
DENMARK	43	112	35	79
JORDAN	27	103	3	46
MOROCCO	53	99	0	0
SWEDEN	74	92	0	2
KUWAIT	44	78	44	78
MOZAMBQ	12	78	0	0
THIALAN	10	68	9	65
YEMEN A	10	62	10	62
KENYA	14	57	0	0
BELGIUM	7	54	0	0
CHINA M	6	52	6	52
SALVADO	12	46	7	35
PANAMA	9	45	1	11
SYRIA	24	34	4	17
SRI LAN	7	31	3	27
BANGLAD	7	29	0	0
BULGARI	67	27	0	0

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1983

COUNTRY OF DESTINATION	CALENDAR YEAR 1983 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
SWITZER	5	27	0	0
TUNISIA	3	27	3	27
SOUTH K	6	26	0	3
HUNGARY	6	26	0	0
URUGUAY	7	25	6	12
AUSTRIA	56	24	1	10
TRINIDA	3	23	1	6
BAHAMAS	26	23	0	0
N ANTIL	1	22	1	20
ARAB EM	6	22	5	18
SINGAPO	34	20	0	7
LEBANON	4	20	4	20
FINLAND	43	18	0	0
ARUBA	71	17	0	0
HAITI	3	17	0	0
ZIMBAWB	0	16	0	10
USSR	22	14	0	0
PHILLIP	11	12	11	12
IRELAND	0	12	0	0
YEMEN S	1	10	1	5
MARTINI	1	10	0	0
MALTA	0	5	0	5
OTHER	3	36	5	18
TOTAL	22,067	$27,026	3,480	$9,766

1004120 CATTLE,BEEF,BREEDING,MALE --NO

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
MEXICO	19	19,574	0	311
VENEZUE	1	1,134	0	0
CANADA	1	567	0	0
ARGENTI	0	427	0	0
THIALAN	0	318	0	0
REP. SO	0	210	0	0
JAPAN	0	179	0	0
COLOMBI	0	148	0	0
TAIWAN	0	144	0	0
ECUADOR	0	113	0	0
MARTINI	0	26	0	0
SURINAM	0	11	0	0
PARAGUA	0	5	0	0
OTHER	0	12	0	0
TOTAL	21	$22,870	0	$311

1911520 BULL SEMEN (BOVINE) --

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
VENEZUE	0	7,581	0	0
WEST GE	0	5,297	0	3,845
ITALY	0	4,984	0	3,350
NETHERL	0	4,020	0	2,232
BRAZIL	0	2,191	0	10
FRANCE	0	2,129	0	1,627
MEXICO	0	1,998	0	46
UNITED	0	1,467	0	0
JAPAN	0	1,153	0	731
REP. SO	0	1,036	0	547
HUNGARY	0	1,025	0	652
SAUDIA	0	1,005	0	146
ARGENTI	0	928	0	7
CANADA	0	822	0	0
AUSTRAL	0	810	0	371
SPAIN	0	750	0	443
DENMARK	0	722	0	542
COLOMBI	0	716	0	0
BELGIUM	0	652	0	365
USSR	0	605	0	0
PORTUGA	0	489	0	243
TAIWAN	0	483	0	381
PERU	0	485	0	0
SWEDEN	0	470	0	386
SOUTH K	0	467	0	348
CHILE	0	443	0	0
SWITZER	0	392	0	77
COSTA R	0	277	0	0
ZIMBAWB	0	247	0	38
AUSTRIA	0	219	0	200
THIALAN	0	214	0	61
URUGUAY	0	188	0	0
ECUADOR	0	142	0	0
LUXEMBO	0	115	0	115
NEW ZEL	0	101	0	93
ISRAEL	0	84	0	0
INDONES	0	79	0	56
PARAGUA	0	77	0	0
YUGOSLO	0	76	0	76
INDIA	0	75	0	22
DOMINIC	0	55	0	0
HONDURA	0	54	0	0
SALVADO	0	52	0	0
GUATEMA	0	44	0	0
PHILLIP	0	42	0	28
HONG KO	0	41	0	41
PANAMA	0	38	0	0
ROMANIA	0	31	0	31
GREECE	0	30	0	0
RWANDA	0	26	0	26
BOTSWAN	0	22	0	2
ZAMBIA	0	21	0	21
CZECHOS	0	20	0	20
EGYPT	0	19	0	19
CYPRUS	0	14	0	14
TURKEY	0	6	0	6
OTHER	0	23	0	3
TOTAL	0	$45,623	0	$17,220

1004140 CATTLE,BEEF,BREEDING,FEMALE --NO

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
MEXICO	8	7,715	0	185
THIALAN	0	792	0	0
PERU	0	709	0	0
JAPAN	0	624	0	315
CANADA	1	608	0	0
BRAZIL	0	555	0	0
VENEZUE	0	353	0	0
COLOMBI	0	291	0	0
TAIWAN	0	152	0	0
REP. SO	0	127	0	0
PARAGUA	0	87	0	0
ARGENTI	0	68	0	0
MOROCCO	0	60	0	0
PHILLIP	0	58	0	0
ECUADOR	0	37	0	0
SURINAM	0	15	0	0
OTHER	0	6	0	0
TOTAL	11	$12,256	0	$500

1004190 CATTLE,LIVE,NOT FOR BREEDING--NO

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
MEXICO	213	95,537	30	12,912
CANADA	14	6,244	0	0
JAPAN	7	4,973	1	789
IRAQ	0	63	0	0
BOLIVIA	0	25	0	0
HONDURA	0	10	0	0
ECUADOR	0	8	0	0
OTHER	0	2	0	0
TOTAL	234	$106,862	31	$13,701

1061025 BEEF,CRCSS,W/BONE,FRESH,ETC --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	20,736	41,625	11,419	24,206
MEXICO	25,776	28,826	2,797	4,437
CANADA	4,806	10,868	0	0
SOUTH K	2,979	6,027	2,768	5,823
BAHAMAS	2,312	4,859	0	0
SAUDIA	1,297	3,181	0	0
HONG KO	921	2,014	280	723
TAIWAN	588	1,611	153	409
SWITZER	379	923	0	0
WEST GE	211	662	0	0
KUWAIT	197	597	0	0
AUSTRIA	93	537	0	0
SINGAPO	194	531	110	297
PHILLIP	147	488	31	102
DENMARK	123	391	0	0
EGYPT	139	329	0	0
ARAB EM	95	273	0	0
BERMUDA	85	241	6	17
UNITED	111	204	0	0
THIALAN	92	194	62	155
BARBADO	50	192	0	0
MALAYSA	37	171	37	171
JORDAN	39	167	0	0

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
GREECE	46	154	0	0
NETHERL	89	149	0	0
ANTIQUA	57	132	0	0
BAHRAIN	50	128	0	0
CAYMAN	94	110	0	0
N ANTIL	30	65	0	0
	30	84	30	84
FRANCE	33	76	0	0
ISRAEL	20	74	0	0
INDONES	19	52	0	0
	24	43	24	43
S VN GR	10	39	0	0
PANAMA	10	38	0	0
ANGOLA	60	37	0	0
FRENCH	10	29	10	29
YEMEN S	11	26	0	0
NEW ZEL	9	23	9	23
B VIRGN	9	22	0	0
LEBANON	10	22	0	0
ST. LUC	9	21	0	0
	8	20	1	2
JAMAICA	10	20	0	0
BELIZE	23	19	0	0
CHINA M	11	14	2	4
ITALY	6	13	0	0
GUATEMA	10	13	0	0
TRINIDA	5	12	0	0
HAITI	17	10	0	0
GUYANA	3	10	0	0
OMAN	3	9	0	0
SPAIN	2	6	0	0
NORWAY	2	5	0	0
OTHER	7	11	1	3
TOTAL	62,029	$106,420	17,739	$36,529

1061050 BEEF,CRCSS,W/O BONE,FRESH --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	325,084	765,503	264,937	622,687
CANADA	23,731	52,522	0	0
SOUTH K	9,284	17,619	8,108	17,319
UNITED	6,545	11,140	0	0
NETHERL	6,308	10,760	0	0
TAIWAN	3,796	10,237	3,652	9,658
HONG KO	3,717	7,734	3,206	6,211
MEXICO	4,766	7,379	264	339
BAHAMAS	4,543	6,816	0	0
AUSTRIA	1,205	6,307	0	0
BERMUDA	1,750	4,876	3	7
WEST GE	1,374	3,695	7	22
SWEDEN	981	3,468	32	129
DENMARK	990	2,472	57	60
SINGAPO	645	2,060	546	1,301
CAYMAN	947	1,091	0	0
SWITZER	495	1,077	0	0
ARUBA	365	1,046	0	0
KUWAIT	225	1,006	0	0
INDONES	276	940	276	940
N ANTIL	204	577	0	0
SAUDIA	331	545	94	155
BELGIUM	178	469	0	0
BARBADO	247	427	0	0
THIALAN	101	368	96	333
TRINIDA	214	361	0	0
	143	355	143	355
ANGOLA	141	347	0	0
ST. LUC	216	283	0	0
PHILLIP	94	275	64	141
FRANCE	163	245	0	0
FIJI	309	202	309	202
EGYPT	48	190	0	0
MALAYSA	77	157	30	117
	72	156	25	55
MARTINI	112	149	0	0
B VIRGN	65	148	0	0
GREECE	44	146	0	0
DOMINIC	180	137	0	0
CYPRUS	26	135	0	0
SPAIN	47	119	0	0
ITALY	74	115	0	0
NEW ZEL	34	113	34	113
	34	109	34	109
PERU	121	102	0	0
QATAR	23	96	0	0
BAHRAIN	36	87	0	0
GUADELO	22	64	0	0
JAMAICA	48	81	0	0
REP. SO	142	80	0	0
S VN GR	31	77	0	0
FINLAND	16	75	0	0
COSTA R	76	70	0	0
ANTIQUA	82	65	0	0
FRENCH	17	49	17	49
GRENADA	31	36	0	0
ARAB EM	10	26	0	0
ST CHRI	17	26	0	0
TURKS $	8	25	0	0
ALGERIA	5	22	0	0
AUSTRAL	18	20	10	11
CHINA M	7	19	2	4
NORWAY	6	16	0	0
COOK IS	3	8	0	0
DOMONIC	13	6	0	0
SYRIA	1	5	0	0
OTHER	6	13	3	6
TOTAL	400,338	$924,992	281,946	$660,822

1068200 BEEF TONGUES, FRESH, ETC --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	28,385	47,812	20,690	35,638
FRANCE	17,503	20,648	0	0
BELGIUM	7,599	9,266	0	0
UNITED	6,398	6,701	0	0
MEXICO	3,282	3,491	128	154
CANADA	2,032	2,208	0	0
NETHERL	1,677	1,890	0	0
ISRAEL	749	931	0	0
SWEDEN	387	473	0	0
DENMARK	222	324	0	0
SOUTH K	222	266	222	266
MALAYSA	113	135	68	82
WEST GE	86	103	0	0
JAMAICA	64	77	0	0
SAUDIA	49	72	0	0
KUWAIT	62	54	39	26
REP. SO	51	43	0	0
HONG KO	63	41	63	41
YUGOSLO	28	33	0	0
IVORY C	25	30	0	0
FRENCH	24	29	0	0
EGYPT	23	28	0	0
CHILE	17	20	0	0
PORTUGA	41	19	0	0
JORDAN	11	13	0	0
GUADELO	9	10	0	0
OTHER	7	8	1	2
TOTAL	69,627	$94,725	21,211	$36,209

1068400 BEEF LIVER, FRESH, ETC --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
EGYPT	59,962	13,853	0	0
JAPAN	18,191	7,698	9,292	3,383
FRANCE	17,741	5,549	0	0
MEXICO	14,137	5,422	315	160
UNITED	3,047	2,060	0	0
CANADA	2,643	1,250	0	0
NETHERL	3,270	1,131	0	0
IRAQ	2,357	1,058	0	0
SPAIN	2,325	627	0	0
ISRAEL	958	449	0	0
PORTUGA	1,544	445	0	0
JAMAICA	1,237	378	0	0
SWEDEN	397	247	0	0
COSTA R	623	246	0	0
HONG KO	497	219	288	130
BELGIUM	513	160	0	0
WEST GE	220	150	0	0
MARTINI	198	127	0	0
CHILE	474	112	0	0
SINGAPO	256	74	30	12
IVORY C	361	70	0	0
TRINIDA	109	64	0	0
COLOMBI	107	63	0	0
SENEGAL	194	63	0	0
FRENCH	93	56	0	0
GUADELO	110	51	0	0
DENMARK	83	50	0	0

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1938

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	 U.S. NET VALUE	 CAL. PORTS QUANTITY	 CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
YUGOSLO	116	32	0	0
PERU	33	24	0	0
SAUDIA	56	13	0	0
REP. SO	50	12	0	0
USSR	40	10	0	0
GUATEMA	42	10	0	0
ANDORRA	17	10	0	0
ANGOLA	17	10	0	0
PANAMA	15	9	0	0
OTHER	21	14	4	4
TOTAL	132,031	$41,796	9,949	$6,196
1066500	BEEF OFFAL,NSPF,FRESH,ETC		--LB	
JAPAN	101,789	120,675	81,170	98,943
MEXICO	62,275	35,497	5,863	5,225
CANADA	16,377	21,166	0	0
FRANCE	15,540	21,152	0	0
UNITED	42,320	18,733	0	0
JAMAICA	5,100	2,443	0	0
NETHERL	4,395	2,345	0	0
ISRAEL	2,663	1,740	0	0
HONG KO	1,674	1,494	723	575
EGYPT	3,554	1,383	0	0
DENMARK	768	1,320	0	0
BELGIUM	1,498	1,233	0	0
SPAIN	1,994	862	0	0
SOUTH K	683	807	683	807
TAIWAN	403	589	390	579
INDIA	573	392	0	0
WEST GE	287	359	0	0
SINGAPO	259	323	234	285
MARTINI	425	263	0	0
PERU	475	214	0	0
SWEDEN	116	201	0	0
IVORY C	752	193	0	0
ITALY	383	163	0	0
BAHAMAS	157	178	0	0
GUINEA	108	163	0	0
IRELAND	200	153	0	0
IRAQ	336	145	0	0
BARBADO	211	141	0	0
SWITZER	102	111	0	0
TRINIDA	137	109	0	0
YUGOSLO	533	103	0	0
FRENCH	119	81	119	81
HAITI	140	80	0	0
PORTUGA	177	77	0	0
INDONES	35	76	35	76
ANTIQUA	432	66	0	0
N ANTIL	121	66	0	0
REP. SO	193	65	0	0
PANAMA	79	46	0	0
ARAB EM	45	45	0	0
THIALAN	54	41	54	41
ST. LUC	61	40	0	0
NEW CAL	53	35	53	35
KUWAIT	5	28	0	0
ARUBA	42	23	0	0
FINLAND	20	13	0	0
GUATEMA	4	13	0	0
COLOMBI	9	13	0	0
MALAYSA	4	12	4	12
GUADELO	14	11	0	0
CHILE	50	10	0	0
	5	7	5	7
URUGUAY	11	7	0	0
OTHER	29	29	5	3
TOTAL	263,492	$235,565	92,338	$106,669
1073620	BEEF,EX CRCSS,FRESH,ETC		--LB	
JAPAN	6,535	17,543	4,652	12,182
CANADA	3,583	7,803	0	0
MEXICO	2,265	2,966	333	512
N ANTIL	1,264	2,369	0	0
SOUTH K	752	1,332	725	1,273
BAHAMAS	1,025	1,193	0	0
SAUDIA	563	1,100	9	20
TAIWAN	529	884	275	552
AUSTRIA	201	846	0	0
	647	844	64	136
KUWAIT	414	809	13	27
BERMUDA	243	754	4	11
HONG KO	309	670	261	456
SWITZER	151	490	0	0
ARUBA	206	465	0	0
NETHERL	163	437	0	0
ARAB EM	218	429	0	0
GHANA	220	386	0	0
SINGAPO	141	238	141	238
ST. LUC	271	226	0	0
INDONES	63	214	63	214
ANTIQUA	88	213	0	0
WEST GE	82	186	0	0
PHILLIP	68	182	29	40
DENMARK	40	148	0	0
TURKS S	50	138	0	0
SWEDEN	37	129	0	0
BRAZIL	4	120	0	0
JAMAICA	60	112	0	0
TRINIDA	35	107	0	0
BARBADO	31	90	0	0
UNITED	20	87	0	0
MALAYSA	30	86	19	42
GUINEA	33	59	0	0
	56	50	56	50
PANAMA	39	47	0	0
B VIRGN	12	45	0	0
ST CHRI	52	43	0	0
JORDAN	10	43	0	0
LIBERIA	23	42	0	0
GUADELO	19	42	0	0
BAHRAIN	29	41	0	0
S VN GR	29	40	0	0
FRANCE	25	35	0	0
	18	33	18	33
SURINAM	9	31	0	0
GRENADA	7	26	0	0
FRENCH	5	24	5	24
AUSTRAL	3	22	3	22
CHINA M	7	15	7	15
GREECE	3	13	0	0
BRUNEI	2	13	2	13
ITALY	6	13	0	0
QATAR	9	12	0	0
OMAN	8	11	0	0
HAITI	3	10	0	0
HONDURA	4	10	0	0
BELIZE	4	9	0	0
CAYMAN	3	9	0	0
SPAIN	3	6	0	0
VENEZUE	2	6	0	0
OTHER	3	8	0	0
TOTAL	20,738	$44,843	6,684	$15,858
1201400	CATTLE HIDES, WHOLE		--PC	
SOUTH K	9,960	636,864	5,803	375,632
JAPAN	7,005	415,598	4,774	289,289
TAIWAN	2,470	156,937	1,444	93,621
MEXICO	1,833	89,616	42	1,401
ROMANIA	624	36,216	4	259
CANADA	732	34,117	0	0
ITALY	296	15,101	0	0
CZECHOS	245	13,361	0	0
ALGERIA	122	8,448	0	0
YUGOSLO	104	7,373	0	0
SPAIN	118	6,618	0	0
CHINA M	130	6,214	30	873
BRAZIL	70	5,831	0	0
FRANCE	93	5,702	0	0
WEST GE	96	4,900	0	0
NETHERL	80	3,901	0	0
POLAND	58	2,973	0	0
IRAQ	42	2,352	0	0
THIALAN	35	2,032	27	1,591
PORTUGA	44	1,972	0	0
HONG KO	30	1,541	19	1,065
VENEZUE	25	1,499	0	0
BELGIUM	32	1,432	1	38
ISRAEL	20	781	0	0
DOMINIC	17	670	0	0
BULGARI	10	530	0	0
UNITED	19	523	0	0
HUNGARY	12	415	0	0

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
SALVADO	7	351	0	0
SOLOMON	4	253	4	253
COSTA R	4	213	0	0
SINGAPO	2	163	2	154
GREECE	3	153	0	0
COLOMBI	2	115	0	0
DENMARK	2	85	2	84
JAMAICA	2	69	0	0
FINLAND	1	45	0	0
SAUDIA	1	44	0	0
PERU	1	35	0	0
EGYPT	0	14	0	0
MARTINI	0	13	0	0
SWITZER	0	12	0	0
SWEDEN	0	10	0	0
TOTAL	24,350	$1,465,092	12,153	$764,259

1004160 CATTLE,DAIRY,BREEDING,MALE --NO

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
MEXICO	2	2,930	0	41
JAPAN	1	2,639	0	0
COLOMBI	1	1,378	0	0
TAIWAN	1	1,102	0	0
VENEZUE	0	736	0	0
PERU	0	564	0	0
EGYPT	0	283	0	0
CANADA	0	149	0	0
CHINA M	0	123	0	0
ARGENTI	0	69	0	0
SOUTH K	0	60	0	0
SALVADO	0	49	0	0
HUNGARY	0	40	0	18
BRAZIL	0	39	0	0
BERMUDA	0	28	0	0
TONGA	0	15	0	0
DOMINIC	0	10	0	0
REP. SO	0	9	0	0
ECUADOR	0	8	0	0
OTHER	0	7	0	0
TOTAL	6	$10,458	0	$59

1004180 CATTLE,DAIRY,BREEDING,FEMALE--NO

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
MEXICO	15	14,854	1	1,569
INDONES	10	7,598	0	0
VENEZUE	6	6,919	0	0
TURKEY	8	6,186	0	0
PERU	1	2,773	0	0
JAPAN	2	2,772	0	1,319
TAIWAN	2	1,832	0	0
TUNISIA	2	1,718	0	0
COLOMBI	1	1,020	0	0
SAUDIA	1	701	0	319
EGYPT	1	634	0	0
SPAIN	1	500	0	0
THIALAN	0	481	0	0
CANADA	0	402	0	0
CHINA M	0	352	0	0
BRAZIL	0	291	0	0
REP. SO	0	100	0	0
HUNGARY	0	86	0	0
SOUTH K	0	61	0	13
DOMINIC	0	60	0	0
URUGUAY	0	33	0	0
ECUADOR	0	8	0	0
SURINAM	0	7	0	0
GUATEMA	0	7	0	0
TOTAL	49	$49,394	2	$3,220

1054120 CHICKENS,YOUNG,WHOLE,FRESH --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	50,911	28,319	41,731	22,598
MEXICO	9,742	5,910	467	250
CANADA	7,591	4,794	0	0
IRAQ	3,947	2,269	0	0
N ANTIL	1,458	965	0	0
	1,117	898	1,117	898
SINGAPO	1,438	878	855	502
JAMAICA	1,626	864	0	0
HONG KO	1,258	766	429	291
EGYPT	2,587	747	0	0
CAYMAN	982	677	0	0
TRINIDA	1,501	657	0	0
KUWAIT	664	490	0	0
DOMINIC	1,324	480	0	0
	560	436	46	51
BERMUDA	436	391	0	0
ARUBA	561	353	0	0
BAHAMAS	549	323	0	0
GUYANA	523	310	0	0
FRENCH	419	275	419	275
BARBADO	472	229	0	0
UNITED	210	215	0	0
ST CHRI	235	172	0	0
SAUDIA	334	170	0	0
	161	142	161	142
NETHERL	117	122	0	0
S VN GR	146	106	0	0
COLOMBI	177	101	0	0
BAHRAIN	246	98	0	0
WEST GE	79	97	0	0
ARAB EM	259	93	0	0
ANGOLA	132	88	0	0
COOK IS	131	84	0	0
QATAR	184	70	0	0
DOMONIC	96	63	0	0
SPAIN	127	59	0	0
ANTIQUA	99	56	0	0
HAITI	138	55	0	0
GHANA	60	45	0	0
HONDURA	55	41	0	0
TONGA	48	36	2	3
ANGUILL	98	33	0	0
GRENADA	42	31	0	0
SIERRA	23	26	0	0
WEST SA	80	22	30	22
ST. LUC	79	20	0	0
NEW ZEL	26	16	26	16
LIBERIA	12	13	0	0
TURKS &	17	11	0	0
OMAN	43	11	0	0
B VIRGN	23	10	0	0
SOUTH K	18	10	15	8
OTHER	5	5	0	0
TOTAL	93,044	$53,151	45,348	$25,056

1054140 CHICKENS,EX YOUNG, WHOLE --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
MEXICO	11,319	6,706	816	492
JAPAN	2,956	1,502	2,554	1,372
JAMAICA	1,083	562	0	0
KUWAIT	1,450	557	0	0
	315	359	315	359
NETHERL	280	344	280	344
	352	301	29	30
SINGAPO	493	263	359	205
EGYPT	646	260	0	0
HONG KO	586	260	288	147
DOMINIC	445	255	0	0
ARAB EM	492	244	0	0
CANADA	333	200	0	0
ANTIQUA	136	122	0	0
BAHRAIN	231	111	0	0
FRENCH	144	108	144	108
SAUDIA	63	106	12	8
N ANTIL	132	98	0	0
IVORY C	254	94	0	0
BAHAMAS	129	79	0	0
REP. SO	157	76	0	0
ARUBA	78	53	0	0
GRENADA	71	51	0	0
COOK IS	58	46	0	0
GHANA	62	46	0	0
BARBADO	73	39	0	0
FRANCE	131	37	0	0
ST. LUC	57	37	0	0
PORTUGA	109	34	0	0
TRINIDA	40	25	0	0
GUADELO	34	25	0	0
CHINA M	34	21	0	0
BERMUDA	38	20	0	0
MARTINI	49	20	0	0
MALAYSA	39	20	0	0
SWEDEN	26	16	0	0

--CONTINUED ON NEXT PAGE--

TABLE 5. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1988

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
DOMONIC	24	15	0	0
NEW CAL	21	12	21	12
TONGA	25	11	0	0
TAIWAN	51	10	0	0
	14	9	14	9
INDONES	3	8	3	9
GREECE	10	7	0	0
PANAMA	11	7	0	0
HAITI	10	5	0	0
OTHER	12	8	6	3
TOTAL	23,488	$13,139	4,572	$3,096

1054160 CHICKEN PIECES,FRESH, ETC. --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	201,627	108,432	139,035	79,188
HONG KO	100,453	45,464	31,806	15,632
MEXICO	83,223	44,032	14,209	7,243
CANADA	45,271	27,109	0	0
SINGAPO	53,033	23,248	20,136	9,738
JAMAICA	57,207	15,682	84	46
N ANTIL	11,523	7,225	0	0
ANTIGUA	7,408	5,516	22	19
SPAIN	12,543	5,264	0	0
ST. LUC	10,365	4,876	0	0
FRENCH	9,391	4,526	8,444	4,427
EGYPT	14,522	3,803	0	0
ARUBA	6,399	3,516	0	0
BERMUDA	3,095	2,403	0	0
SAUDIA	3,393	2,475	344	251
S VN GR	4,759	1,905	0	0
IRAQ	3,347	1,309	0	0
GRENADA	3,395	1,772	0	0
DOMINIC	2,793	1,671	0	0
ST CHRI	3,223	1,653	22	9
BAHAMAS	3,090	1,569	0	0
NEW CAL	2,219	1,200	2,219	1,200
ARAB EM	2,035	1,173	0	0
NETHERL	1,906	1,134	40	22
B VIRGN	1,295	1,049	0	0
COLOMBI	1,632	860	0	0
ANGUILL	874	828	0	0
BARBADO	2,003	747	0	0
REP. SO	1,332	589	0	0
BAHRAIN	1,036	564	107	95
KUWAIT	907	493	0	0
FRANCE	339	398	0	0
BRUNEI	983	393	390	173
	537	317	537	317
WEST GE	783	311	0	0
	411	295	7	5
MONTSER	793	294	0	0
CAYMAN	474	269	0	0
TONGA	467	260	114	54
WEST SA	571	242	571	242
TAIWAN	584	233	272	116
UNITED	1,050	227	0	0
PORTUGA	718	225	0	0
GUADELO	269	207	0	0
MALAYSA	291	155	193	113
DOMONIC	249	150	0	0
MARTINI	250	142	0	0
IVORY C	715	131	0	0
SWITZER	226	121	0	0
PANAMA	133	115	0	0
TRINIDA	225	110	0	0
TOGO	296	102	0	0
COOK IS	146	93	0	0
LIBERIA	144	88	0	0
QATAR	106	59	0	0
WALLIS	116	57	116	57
GUYANA	132	55	0	0
TURKS &	88	52	0	0
BELGIUM	156	51	0	0
GREECE	69	50	0	0
SRI LAN	126	49	0	0
SOUTH K	72	42	58	35
JORDAN	38	41	0	0
ITALY	40	30	0	0
	34	24	34	24
SWEDEN	39	21	0	0
BELIZE	30	21	0	0
GABON	32	20	0	0
HAITI	119	19	0	0
GHANA	43	13	0	0
ICELAND	47	17	0	0

COUNTRY OF DESTINATION	CALENDAR YEAR 1988 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
SENEGAL	45	15	0	0
ANGOLA	27	15	0	0
DENMARK	25	14	0	0
GIBRALT	29	12	0	0
GUINEA-	61	12	0	0
OTHER	11	9	0	0
TOTAL	672,394	$331,974	218,766	$119,013

1055120 TURKEYS,WHOLE,FRESH,ETC --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
GREECE	1,011	945	0	0
MEXICO	972	773	206	220
JAPAN	711	591	483	376
PANAMA	542	453	0	0
FRENCH	628	387	628	387
HAITI	921	373	0	0
BAHAMAS	455	339	0	0
CANADA	201	221	C	0
HONG KO	339	204	31	26
SAUDIA	251	199	132	121
SOUTH K	121	104	65	57
KUWAIT	114	76	0	0
JAMAICA	108	76	0	0
ANGOLA	62	69	0	0
BERMUDA	76	63	0	0
EGYPT	102	59	0	0
WEST GE	79	44	0	0
DOMINIC	41	42	0	0
ANTIQUA	39	41	0	0
SINGAPO	93	40	93	40
TAIWAN	141	35	90	24
AUSTRAL	39	29	39	29
PHILLIP	19	29	19	29
ARAB EM	40	23	0	0
ITALY	25	22	0	0
BAHRAIN	30	22	11	11
TONGA	25	21	2	7
REP. SO	40	20	0	0
THIALAN	18	18	1	2
UNITED	12	16	0	0
WEST SA	39	15	39	15
HONDURA	15	13	0	0
SWITZER	20	11	0	0
TRINIDA	11	11	0	0
COSTA R	9	9	0	0
ARUBA	9	9	0	0
N ANTIL	4	7	0	0
PERU	4	7	0	0
CAYMAN	12	7	0	0
COLOMBI	5	5	0	0
BELIZE	5	5	0	0
OTHER	30	28	9	8
TOTAL	7,416	$5,474	1,850	$1,352

1055140 TURKEY PIECES,FRESH, ETC --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
MEXICO	5,675	3,431	242	163
WEST GE	5,449	2,655	0	0
EGYPT	9,421	2,513	0	0
JAPAN	2,308	1,898	2,194	1,823
REP. SO	2,063	1,005	0	0
IVORY C	3,377	933	0	0
CANADA	1,202	809	0	0
TAIWAN	2,872	809	1,003	311
HONG KO	2,002	790	455	213
WEST SA	1,580	528	1,580	528
	957	419	36	21
	812	350	812	350
NETHERL	774	342	40	14
UNITED	318	340	0	0
FRENCH	574	298	574	298
TOGO	999	267	0	0
BAHAMAS	376	193	0	0
SPAIN	137	125	0	0
S VN GR	377	121	0	0
JAMAICA	304	108	0	0
ST. LUC	276	95	0	0
BERMUDA	83	70	0	0
GRENADA	274	68	0	0
SINGAPO	68	47	61	37
HAITI	81	46	0	0

--CONTINUED ON NEXT PAGE--

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1983

COUNTRY OF DESTINATION	CALENDAR YEAR 1983 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
SAUDIA	27	41	27	41
TONGA	113	37	4	3
ARUBA	51	37	0	0
NEW CAL	100	32	100	32
THIALAN	46	31	46	31
INDONES	34	23	34	29
LIBERIA	78	27	0	0
ARAB EM	36	26	0	0
TRINIDA	38	25	0	0
DOMINIC	39	24	0	0
PANAMA	34	22	0	0
MALAYSA	22	20	22	20
ITALY	15	20	0	0
BENIN	101	16	0	0
COLOMBI	18	15	0	0
ANGOLA	22	15	0	0
BARBADO	78	13	0	0
SOUTH K	57	14	57	14
ST CHRI	37	13	0	0
KUWAIT	34	9	0	0
FRANCE	50	9	0	0
SENEGAL	50	6	0	0
BELIZE	5	5	0	0
OTHER	39	25	13	7
TOTAL	43,484	$13,507	7,307	$3,935

1155020 NONFAT DRY MILK, DONATED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
PHILLIP	53,752	24,113	39,580	10,837
SRI LAN	16,318	6,166	3,694	2,159
MOROCCO	9,894	3,548	0	0
BOLIVIA	3,016	3,466	0	0
PERU	7,653	3,100	0	0
ETHIOPI	5,922	2,334	0	0
MEXICO	4,592	2,024	0	0
INDONES	4,423	1,772	1,197	504
SALVADO	3,106	1,363	0	0
EGYPT	2,143	1,361	0	0
GUATEMA	3,250	1,347	0	0
ZAIRE	4,254	1,327	0	0
JAMAICA	3,411	1,285	0	0
SUDAN	3,429	1,108	0	0
GAMBIA	1,595	964	0	0
HONDURA	2,163	920	0	0
LESOTHO	2,793	913	0	0
HAITI	1,505	785	0	0
SIERRA	1,455	721	0	0
UPPER V	1,376	702	0	0
MADAGAS	1,189	654	0	0
DOMINIC	1,720	624	0	0
RWANDA	1,080	501	0	0
MALI	544	281	0	0
ECUADOR	520	245	0	0
ISRAEL	390	194	0	0
MAURITA	566	103	0	0
TANZANI	503	96	0	0
SEYCHEL	189	92	0	0
JAPAN	39	33	0	0
TRINIDA	153	25	0	0
BARBADO	33	18	0	0
BERMUDA	33	5	0	0
TOTAL	163,533	$67,005	44,472	$13,561

1155040 NONFAT DRY MILK,NOT DONATED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
MEXICO	173,449	101,736	0	0
IRAQ	27,955	17,373	3,972	6,173
THIALAN	18,163	9,237	10,778	5,237
ALGERIA	19,380	7,937	0	0
INDIA	12,094	5,980	12,094	5,980
WEST GE	6,388	5,319	0	0
PERU	9,532	4,522	0	0
MALAYSA	5,257	2,727	5,257	2,727
PHILLIP	3,796	2,108	1,947	1,073
NETHERL	7,425	1,972	0	0
INDONES	3,725	1,318	3,725	1,318
CHILE	3,350	1,646	2,888	1,423
CANADA	2,278	1,423	0	0
GHANA	2,552	1,219	600	311
SRI LAN	2,243	1,150	563	290
SPAIN	2,231	1,056	0	0
KUWAIT	975	818	0	0
BANGLAD	963	743	600	533

COUNTRY OF DESTINATION	CALENDAR YEAR 1983 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
SENEGAL	1,393	661	438	254
DOMINIC	1,127	608	0	0
TAIWAN	1,987	591	1,221	423
NIGERIA	934	489	934	489
TRINIDA	942	429	0	0
BERMUDA	883	428	0	0
JORDAN	249	415	249	415
HONG KO	760	376	350	109
BELGIUM	429	375	312	345
PANAMA	384	278	0	0
SAUDIA	538	276	538	276
EGYPT	366	169	0	0
ISRAEL	256	92	0	0
PORTUGA	250	64	0	0
HONDURA	44	53	0	0
SOUTH K	160	52	0	0
BAHAMAS	89	47	0	0
JAPAN	80	23	80	23
HAITI	19	12	0	0
SINGAPO	36	9	36	9
UNITED	23	6	0	0
CAYMAN	24	6	0	0
OTHER	20	12	0	0
TOTAL	318,463	$174,236	46,530	$27,958

1150500 WHEY, DRIED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	51,049	13,538	30,66[illegible]	8,662
NETHERL	18,811	3,833	379	66
MEXICO	15,176	3,233	213	74
CANADA	11,229	2,802	0	0
REP. SO	7,989	2,695	0	0
PHILLIP	8,939	2,493	5,675	1,546
TAIWAN	10,007	2,174	4,426	944
SOUTH K	8,190	1,722	4,540	1,050
HONG KO	5,902	1,335	3,062	813
AUSTRAL	1,481	934	1,270	801
THIALAN	3,574	770	630	132
INDONES	1,726	747	0	0
VENEZUE	1,030	705	0	0
COLOMBI	951	620	0	0
WEST GE	2,380	573	0	0
UNITED	1,175	437	0	0
ISRAEL	394	368	0	0
ARGENTI	484	357	0	0
NEW ZEL	198	277	66	128
MALAYSA	1,166	268	1,016	235
CHINA M	160	157	80	20
AUSTRIA	1,033	152	0	0
TRINIDA	275	130	0	0
GUATEMA	434	113	20	4
SINGAPO	298	71	203	49
SPAIN	400	66	0	0
ARAB EM	106	34	0	0
BERMUDA	46	33	0	0
SALVADO	106	29	106	29
SAUDIA	123	28	0	0
CHILE	79	20	0	0
BELGIUM	96	19	0	0
FRANCE	62	19	0	0
BAHAMAS	38	10	0	0
PANAMA	31	7	0	0
OTHER	27	7	0	0
TOTAL	155,164	$40,879	52,466	$14,653

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

ALGERIA COUNTRY RANK 14

SCHED # NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY ,000 LBS	VESSEL VALUE	AIR QTY ,000 LBS	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	25	5	22			7	22		
1155040	NONFAT DRY MILK,NOT DONATED	LB	9	19,980	7,937	20,241	7,937				
1171700	CHEDDAR CHEESE	LB	7	17,623	9,465	18,127	9,465				
* 1178600	CHEESES, NSPF	LB	25	114	74	126	74				
1201400	CATTLE HIDES, WHOLE	PC	8	122	9,448	9,523	9,443				
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	22	7	91	42	91				
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	21	551	119	551	119				
1271510	CANTALOPE SEED	LB	23	23	85	26	80	2	5	23	85
1271570	WATERMELON SEED	LB	18	77	295	77	295			77	298
* 1271580	VEGETABLE SEEDS, NSPF	LB	20	46	197	54	164	0	24	44	197
1271590	SEEDS, NSPF	LB	16	780	540	782	511	1	30	1	30
1301020	BARLEY FOR MALTING	BU	27	2	5	79	5				
1301040	BARLEY, OTHER THAN MALTING	BU	3	24,303	39,986	1,166,790	39,886				
1303465	YELLOW CORN, NOT DONATED	BU	2	41,906	109,504	2,346,767	109,504				
1304020	GRAIN SORGHUM SEED	LB	24	550	74	553	74				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	1	55,610	173,901	3,336,590	173,901				
1313030	HD RICE,LG GRN,X PRBL,NT DON	LB	10	40,675	5,996	40,760	5,996				
1314020	DRM FLR & SEMOLINA,NT DNATED	CWT	15	183	1,346	19,311	1,346				
1321700	MALTS	LB	19	4,084	232	4,127	232				
1400300	GR NRTH BNS,X SEEDS,DRD,ETC	LB	5	47,237	15,405	47,394	15,405				
1400700	NAVY/PEA BNS,X SEEDS,DRD,ETC	LB	12	30,277	4,920	30,353	4,920				
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	13	17,870	2,972	17,919	2,972				
1402960	BLACKEYE COW PEAS X SEED,DRY	LB	17	1,230	422	1,233	422				
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	11	15,690	5,196	15,771	5,186				
1775640	TALLOW, INEDIBLE	LB	6	62,294	11,678	62,294	11,678				
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	4	49	17,287	25,349	17,287				
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	14	5	2,667	2,442	2,667				
	TOTALS FOR ALGERIA				$419,745	7,165,284	$418,664	9	$80		$600

BELGIUM COUNTRY RANK 22

SCHED # NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY ,000 LBS	VESSEL VALUE	AIR QTY ,000 LBS	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK,EGG	NO	90	63	63			4	63		
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	124	6	17			1	17		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	129	7	14			1	14		
1001000	CHICKENS, DUCKS, ETC. NSPF	NO	137	4	12			4	12		
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	122	0	19			4	19		
1009840	LIVE ANIMALS, NSPF		86	0	77			4	77		
1054160	CHICKEN PIECES,FRESH, ETC.	LB	99	156	51	160	51				
1057100	POULTRY LIVERS,FRESH, ETC	LB	70	559	103	560	103				
1058100	BIRD MEAT, CANNED	LB	157	2	5	2	5				
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	32	178	489	184	489				
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	166	2	3			2	3		
1065100	HORSEMEAT,CRCSS,FRESH,ETC	LB	2	32,354	32,093	28,362	25,964	5,620	5,918	196	225
1068200	BEEF TONGUES, FRESH, ETC	LB	7	7,899	9,266	8,223	9,257	7	9		
1063400	BEEF LIVER, FRESH, ETC	LB	53	513	160	537	160				
1063600	BEEF OFFAL,NSPF,FRESH,ETC	LB	19	1,498	1,233	1,493	1,196	10	12		
1064600	MEAT OFFAL,NSPF,FRESH,ETC	LB	73	208	86	211	86				
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	127	15	16			16	16		
1155040	NONFAT DRY MILK,NOT DONATED	LB	39	429	375	312	345			312	345
1155700	DRIED MILK AND CREAM, NSPF	LB	61	360	128						
1180500	WHEY, DRIED	LB	121	96	19			47	9		
1181200	INFNTS DIET SUPP,DRY MILK	LB	151	10	6	14	6				
1181730	DIET SUPP,NSPF,MLK BS,ETC	LB	141	9	11			11	11		
1186000	MILK PRODUCTS, NSPF		95	0	57						
1195100	SHELL EGGS FOR HATCHING	DOZ	104	10	42			10	42		
1196520	EGG ALBUMEN(WHITES),DRIED	LB	171	0	3			0	3		
1201400	CATTLE HIDES, WHOLE	PC	17	32	1,432	320	282			1	38
1201720	WHOLE CALF SKINS	PC	106	1	36						
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	94	8	58	25	58			8	58
* 1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		76	0	89	2	9	14	80		9
1258100	LIVE PLANTS, NSPF		27	0	699	941	617	36	78		
1264100	FLOWER SEED	LB	148	0	8			0	6	0	6
1265700	MILLET	LB	24	11,877	871	10,525	773				
1266100	ONION SEED	LB	153	2	6	3	6			2	6
1268700	TREE AND SHRUB SEEDS	LB	107	3	36			1	10		
* 1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	119	52	20	48	16	4	4		
1271570	WATERMELON SEED	LB	149	2	7	2	7			2	7
1271580	VEGETABLE SEEDS, NSPF	LB	72	33	97	31	76	8	21	6	21
1271590	SEEDS, NSPF	LB	96	7	54			6	24		
1303440	CORN SEED,EXC SWT,NT DONATED	LB	38	56	395	59	395				
1303465	YELLOW CORN, NOT DONATED	BU	4	5,976	15,940	336,665	15,940				
1304500	OATS	BU	170	2	3	55	3				
1305520	RICE,HUSKED,BROWN,LONG GRAIN	LB	14	18,471	2,343	18,471	2,343				
1305540	RICE,HUSKED,BROWN,MED. GRAIN	LB	113	78	25	78	25			78	25
1306540	WHEAT,UNMILLED,NOT DONATED	BU	3	6,605	27,601	396,251	27,595				
1313010	RICE, DONATED FOR RELIEF	LB	130	87	14	87	14			87	14
1313015	LG GR PRBL HD RICE,NT RELIEF	LB	1	168,851	36,841	168,852	36,841				
1313030	HD RICE,LG GRN,X PRBL,NT DON	LB	9	37,187	5,272	37,251	5,272				
1313040	HD RICE,MD GRN,X PRBL,NT DON	LB	26	8,237	771	8,241	771			8,068	740
1313050	HD RICE,SH GRN,X PRBL,NT DON	LB	108	137	33	138	33			99	25
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	167	1	3						
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	150	1	7	17	2				
1321700	MALTS	LB	111	202	30						
1324020	CORNSTARCH, INCLUDING MILO	LB	48	668	179	27	14				
1324040	STARCHES, NSPF	LB	44	624	237			6	2		

-- BELGIUM CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1351800	ASPARAGUS, FRESH OR CHILLED	LB	160	3	4			4	4		
1352100	BEANS, FRESH OR CHILLED	LB	56	456	149						
1352900	CARROTS, FRESH OR CHILLED	LB	136	144	11	156	11				
1382000	CORN, SWEET, FROZEN	LB	129	40	16	42	16				
1400100	BLK BEANS,X SEEDS,DRIED,ETC	LB	73	387	92	392	92			387	92
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	31	3,270	523	418	81				
1400700	NAVY/PEA BNS,X SEEDS,DRD,ETC	LB	45	886	219	264	63				
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	88	247	67						
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	30	2,277	588	80	24			80	24
1401800	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	46	590	192	22	11				
1402920	BLACKEYE CO. PEAS X SEED,DRY	LB	143	39	10	40	10			39	10
1403100	BEANS, SEED	LB	140	20	11	20	11				
1403500	LENTILS,DRIED,ETC	LB	91	400	61	403	61				
1405100	GARLIC,DRIED,ETC.,EXC. FLOUR	LB	64	202	116	211	116				
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	41	465	331	490	331			18	18
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	98	23	52	26	52			23	52
1410100	ASPARAGUS,CND,EXCL. PICKLED	LB	75	61	90	76	90				
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	144	17	9	17	9				
1410500	CORN, CANNED, EXCL. PICKLED	LB	65	286	113	12	4			10	4
1412240	TMTO SC, EX CTSP & CHILI SC	LB	139	31	11	37	11				
1412260	TOMATO PASTE, CANNED	LB	112	32	21	39	21			32	21
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	163	11	4						
1417500	VEGETABLES, PREP, PRES, NSPF	LB	37	239	403	243	400	5	3		
1441000	MUSHROOMS, FRESH	LB	57	46	141			53	141	10	12
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	123	2	18			2	18		
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	67	150	110	155	110			150	110
1452200	PECANS,NOT SHELLD OR ROASTED	LB	152	7	6	7	6				
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	18	2,312	1,426	2,345	1,426			516	369
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	10	3,739	5,263	3,940	5,263			3,327	4,623
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	114	40	25	41	25				
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	82	42	82	45	82			42	82
1456100	ALMONDS, PREPARED, PRESERVED	LB	16	1,284	1,941	1,385	1,941			1,242	1,871
1457542	MACADAMIA, PREP OR PRESERVED	LB	146	2	9			2	9	2	9
1457547	OTHER NUTS,PREP OR PRESERVED	LB	47	83	186	98	186				
1461000	APPLES, FRESH	LB	79	468	86	509	86			152	31
1463500	AVOCADOS, FRESH	LB	77	171	87			177	87	123	64
1465500	STRAWBERRIES, FRESH	LB	147	11	8			11	8		
1466500	BERRIES, FRESH, NSPF	LB	25	1,035	845	972	763	85	54		
1468520	CHERRIES, SWEET, FRESH	LB	155	10	5			11	5		
1471500	GRAPEFRUIT, FRESH	LB	8	42,301	7,335	43,894	7,335			299	63
1471900	LEMONS, FRESH	LB	49	1,480	171	1,544	168	13	3	1,467	163
1472200	LIMES, FRESH	LB	120	78	19			81	19		
1473120	TANGERINES, FRESH	LB	115	78	24	78	24			78	24
1473140	ORANGES, FRESH, NSPF	LB	54	632	154	678	154			39	8
1473500	CITRUS FRUITS, FRESH, NSPF	LB	156	19	5			20	5	18	5
1476500	GRAPES, FRESH	LB	63	133	123	143	120	2	3	131	120
1481700	CANTALOUPES, FRESH	LB	160	34	4			37	4		
1487500	PEACHES & NECTARINES, FRESH	LB	116	83	23			90	23		
1491700	PRUNES AND PLUMS, FRESH	LB	160	16	4			18	4		
1493050	KIWIFRUIT, FRESH	LB	55	153	151	204	151			153	151
1497500	BERRIES, FROZEN, NSPF	LB	83	126	79	128	79				
1506500	GRAPES (RAISINS), DRIED	LB	13	3,258	2,578	3,550	2,578			3,001	2,402
1508000	PRUNES, DRIED	LB	20	1,444	1,048	1,605	1,048			1,066	727
1511000	APRICOTS, PREP OR PRESERVED	LB	142	16	10	19	10				
1512000	MARASCHINO CHERRIES, PREP	LB	103	40	44	50	44			31	30
1512520	CHERRIES, SWEET, NSPF, PREP	LB	42	702	330						
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	125	45	17	45	17				
1518500	FRUIT NSPF, PREP, PRESERVED	LB	50	396	167	498	167			396	167
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	110	105	30	128	30				
1552045	RAW SUGAR, BEET OR CANE	STN	71	0	97	778	97				
1557000	HONEY	LB	58	216	132	242	132				
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	145	8	9			2	2		
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	126	34	17	34	17				
1618100	RED PEPPER	LB	167	1	3						
1621700	SPICE AND SPICE SEEDS, NSPF	LB	74	31	90	28	76	6	7	2	2
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	154	4	5	13	5				
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	89	51	66	169	66				
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	159	2	4						
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	60	78	129	222	129				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	23	587	911	1,118	911			303	432
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	81	46	82	82	82				
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	85	35	77	83	77			15	29
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	93	62	59	99	59				
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	135	3	12	39	12				
1673100	STILL WINE NT OV 14% ALCOHOL	WG	15	388	2,268	3,281	2,221	2	5	379	2,220
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	51	13	161	469	161			12	149
1761840	COTTONSEED OIL, ONCE-REFINED	LB	167	13	3						
1769180	JOJOBA OIL, UNMIXED	LB	68	13	108	22	99	2	9	13	108
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	36	399	446	395	441	10	5	308	271
1775640	TALLOW, INEDIBLE	LB	11	28,936	4,711	28,936	4,711				
1777390	OTHER TALLOW, NSPF	LB	164	17	4			18	4	17	4
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	66	36	112	39	112				
1787020	BAKING FATS, MIX OF VEG OILS	LB	158	9	5	10	5				
1825120	SOUPS,DRIED OR DEHYDRATED	LB	165	3	4			4	4		
1825140	SOUPS, N S P F	LB	87	54	75	56	75			48	71
1827000	WILD RICE CRUDE OR PROCESSED	LB	100	22	46	22	46				
1829420	POTATO CHIPS AND STICKS	LB	136	41	12	48	12				
1829740	MIXED SEASONINGS	LB	133	7	13	3	4				
1829752	VEGETABLE PROTEIN ISOLATES	LB	6	12,622	9,451	12,679	9,342	14	14		
1829754	VEG PRO CONCENTRATES, ETC	LB	59	342	130	162	36	7	4		
1829760	EDIBLE PREP, NSPF, CANNED	LB	109	32	31						
1829780	EDIBLE PREPARATIONS, NSPF	LB	35	335	451	274	267	36	145	15	25
1841040	RICE BY-PRODUCTS,ANIMAL FEED	STN	117	0	22	382	22				
1841060	BRAN,ETC FRM MLLNG GRN,NSPF	STN	131	0	13	498	13			0	13

-- BELGIUM CONTINUED ON NEXT PAGE --

1988 ANNUAL EXPORTS BY COUNTRY

TABLE 7. QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1842500	BREWERS' GRAINS, MALT SPROUT	STN	40	3	340	5,550	340				
1844800	GRAIN HULLS, SCREENINGS, ETC	STN	101	0	45	763	45				
1846620	MEAT, INEDIBLE, FR, CHLD, FZ	LB	33	2,650	479	2,760	479				
1848032	DOG & CAT FOOD, RETAIL SALE	LB	105	76	39						
1848034	PET FOOD NSPF, RETAIL SALE	LB	94	39	79	34	18	8	61	5	40
1848040	DAIRY CATTLE FEED, PREPARED	STN	134	0	12						
1848045	LIVESTOCK FEED, PREP, NSPF	STN	52	3	160						
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	21	6	934	9,144	806	2	2		
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	132	2	13						
1865700	HAIR AND BRISTLES, NSPF	LB	43	465	260	245	100				
1911520	BULL SEMEN (BOVINE)		28	0	652			3	652		365
1912570	ANIMAL PRODUCTS, NSPF		92	0	60						
1921120	CUT FLOWERS, FRSH SPRAYS ETC		97	0	53			18	53		
1921140	FOLIAGE,ORNAMENTAL PURPOSES		62	0	127	146	113	4	13		
1923200	HOP EXTRACT AND LUPULIN	LB	29	78	618	9	35				
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	34	5,956	458	6,055	458				
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	5	41	13,041	20,911	13,041			19	6,048
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	12	8	2,698	3,956	2,698			5	1,502
3003021	COTTON LINTERS, OTHER	LB	22	7,967	927	8,214	927				
4523400	LEMON OIL	LB	102	7	44	8	44			4	30
4524400	ORANGE OIL	LB	69	94	108	103	108				
7482500	FLOWERS, CUT NATURAL,DRIED		80	0	85	88	85				
7482900	OTHER DRIED PLANTS, N.S.P.F.		112	0	25	28	25				18
	TOTALS FOR BELGIUM				$204,115	1,189,403	$190,532	6,563	$7,819		$24,102
	CANADA COUNTRY RANK 5										
1000210	CHICKENS, BREEDER STOCK,EGG	NO	175	352	1,055			6	171		
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	57	4,177	5,586			1	11		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	90	8,635	3,042			3	57	12	5
1000260	TURKEYS, LIVE, DOWNY STAGE	NO	182	948	994			30	23	22	23
1000280	DUCKS, GEESE, GUINEAS, DOWNY	NO	289	146	209			0	2		
1001000	CHICKENS, DUCKS, ETC. NSPF	NO	70	2,393	4,742			1	2		
1004120	CATTLE,BEEF,BREEDING,MALE	NO	230	1	567						
1004140	CATTLE,BEEF,BREEDING,FEMALE	NO	221	1	608						
1004160	CATTLE,DAIRY,BREEDING,MALE	NO	307	0	148						
1004180	CATTLE,DAIRY,BREEDING,FEMALE	NO	254	0	402						
1004190	CATTLE,LIVE,NOT FOR BREEDING	NO	51	14	6,244						
1007100	HORSES FOR BREEDING	NO	265	0	342						
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	43	18	7,817						
1008200	SHEEP, LIVE	NO	125	28	2,031			13	5	0	5
1008300	SWINE, LIVE	NO	323	0	122						
1009620	ANIMALS,LIVE,NSPF FOR FOOD	NO	205	56	773						
1009640	LIVE ANIMALS, NSPF		88	0	3,080			57	1,091		115
1054120	CHICKENS,YOUNG,WHOLE,FRESH	LB	67	7,591	4,794			3	2		
1054140	CHICKENS,EX YOUNG, WHOLE	LB	292	333	200						
1054160	CHICKEN PIECES,FRESH, ETC.	LB	12	45,271	27,108						
1055120	TURKEYS,WHOLE,FRESH,ETC	LB	285	201	221						
1055140	TURKEY PIECES,FRESH, ETC	LB	199	1,202	809						
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	237	725	518						
1058100	BIRD MEAT, CANNED	LB	259	346	376						
1058300	BIRD MEAT,PREP,EX CANNED	LB	37	10,340	9,752						
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	34	4,806	10,868			7	21		
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	2	23,731	52,522			8	24		
1061080	VEAL,CRCSS,FRESH,CHILLED,ETC	LB	53	7,046	6,093						
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	305	74	156			2	4		
1065100	HORSEMEAT,CRCSS,FRESH,ETC	LB	114	2,484	2,239						
1065200	MEAT,CRCSS,NSPF,FRESH,ETC	LB	106	1,767	2,499			13	19	12	19
1068200	BEEF TONGUES, FRESH, ETC	LB	118	2,032	2,208			6	6		
1068400	BEEF LIVER, FRESH, ETC	LB	165	2,643	1,250						
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	15	16,377	21,166			15	9		
1068800	VEAL OFFAL,FRESH,CHILLED,ETC	LB	378	25	29						
1069000	LAMB OFFAL,FRESH,CHILLED,ETC	LB	136	2,315	1,762						
1069600	MEAT OFFAL,NSPF,FRESH,ETC	LB	251	796	421						
1070100	SAUSAGES,ETC,CANNED	LB	194	890	873						
1070200	SAUSAGES,ETC, EXC CANNED	LB	145	954	1,463			3	4		
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	44	3,583	7,803			9	30		
1073840	VEAL,EX CRCSS,FRESH,ETC	LB	346	33	72						
1074200	BEEF AND VEAL, CANNED	LB	354	54	60						
1074600	BEEF & VEAL,EX SAUSAGE,NSPF	LB	121	1,276	2,104			0	3	0	3
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	344	67	74			0	2		
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	347	38	70						
1076600	MT & EDBL OFFL,PREP EX CANND	LB	60	4,803	5,393			4	5		
1078000	MEAT EXTRACT,INCLUDING FLUID	LB	389	5	14						
1150100	MLK & CRM,FLUID,FRSH OR SOUR	GAL	235	193	531						
1153000	MILK & CRM,NT SWT(EVAP)CANND	LB	387	40	15						
1155040	NONFAT DRY MILK,NOT DONATED	LB	148	2,278	1,423						
1155700	DRIED MILK AND CREAM, NSPF	LB	225	1,713	585						
1160100	BUTTER	LB	392	17	21						
1163000	MARGARINE,INCLDNG OLEO	LB	391	46	11						
1171700	CHEDDAR CHEESE	LB	337	46	81						
1173200	AMER TYPE CHEESE,EX CHEDDAR	LB	281	143	242						
1178600	CHEESES, NSPF	LB	55	3,649	5,695			1	2		
1180000	WHEY, FLUID	GAL	358	8	51						
1180500	WHEY, DRIED	LB	95	11,229	2,802						
1181000	YOGURT, OTHER FERMENTD MILK	LB	190	1,824	903						
1181200	INFNTS DIET SUPP,DRY MILK	LB	261	292	374						
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	157	1,155	1,318			4	3		
1182500	ICE CREAM	GAL	234	284	542			36	14		
1186000	MILK PRODUCTS, NSPF		155	0	1,341						

-- CANADA CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1195100	SHELL EGGS FOR HATCHING	DOZ	36	7,495	10,295			189	990	367	927
1195300	EGGS IN THE SHELL, NSPF	DOZ	151	1,929	1,401			1	3	3	3
1196520	EGG ALBUMEN(WHITES),DRIED	LB	400	2	3						
1196540	WHL EGGS,OR YLKS,N/SHLL,DRD	LB	355	40	56						
1197020	EGG ALBUMEN(WHITES),EX DRIED	LB	126	1,548	2,025						
1197040	WHL EGG OR YLK,N/SHLL,EX DRD	LB	152	2,264	1,395						
1201400	CATTLE HIDES, WHOLE	PC	9	732	34,117			4	3		
1201720	WHOLE CALF SKINS	PC	110	148	2,365						
1201740	WHOLE KIP SKINS	PC	161	67	1,288						
1201755	CATTLE HIDE CROUPONS ETC	PC	255	25	402	111	108				
1201765	BOVINE HIDES,EXC WHOLE,NSPF	LB	123	6,378	2,053						
1202022	SHEEP SKNS ETC W/WL ON SKN	PC	244	109	470			1	22	1	6
1202044	EQUINE HIDES	LB	193	3,549	875						
1202047	GOAT AND KID SKINS	PC	365	2	43						
1202092	PIG AND HOG SKINS	NO	349	21	66						
1202095	OTHER HIDES AND SKINS,NSPF	NO	178	0	1,014			4	70		
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	345	6	73						
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		143	0	1,529	20	8	10	40		24
1255200	FRUIT AND NUT PLANTS, ETC		120	0	2,156			5	12		8
1256500	ROSE PLANTS		102	0	2,562			8	62		39
1258100	LIVE PLANTS, NSPF		17	0	18,209	92	53	55	315		101
1260120	ALFALFA SEED, UNCERTIFIED	LB	266	276	333						
1260140	ALFALFA SEED, CERTIFIED	LB	84	2,386	3,393						
1260300	SUGAR BEET SEED	LB	249	55	450						
1260500	BEET SEED, EXCEPT SUGAR BEET	LB	369	20	39						
1261700	SEED, CARROT	LB	213	330	670						
1263120	LADINO CLOVER SEED	LB	280	207	217						
1263140	WHITE CLOVER SEED	LB	332	92	97						
1263200	CLOVER SEED, NSPF	LB	361	44	66						
1264100	FLOWER SEED	LB	145	215	1,461			2	61	1	39
1265700	MILLET	LB	172	14,131	1,094	200	14				
1266100	ONION SEED	LB	211	75	717			0	2	0	2
1267100	PEPPER SEED	LB	371	12	36						
1267300	RADISH SEED	LB	359	24	49			2	3		
1268100	SPINACH SEED	LB	370	27	38						
1268700	TREE AND SHRUB SEEDS	LB	343	6	74			2	38	1	10
1271220	SUDAN GRASS SEED	LB	364	144	43						
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	133	1,391	1,641	3	3				
1271510	CANTALOPE SEED	LB	377	10	31						
1271515	CUCUMBER SEED	LB	374	7	34						
1271530	LETTUCE SEED	LB	317	30	131	3	14				
1271545	SQUASH SEED	LB	353	19	60						
1271550	TOMATO SEED	LB	328	13	104						
1271570	WATERMELON SEED	LB	388	5	15						
1271580	VEGETABLE SEEDS, NSPF	LB	97	760	2,724			20	73	17	63
1271590	SEEDS, NSPF	LB	99	2,466	2,716			0	16		
1301020	BARLEY FOR MALTING	BU	310	52	146						
1301040	BARLEY, OTHER THAN MALTING	BU	295	230	187						
1301700	BUCKWHEAT AND CANARY SEED	LB	297	957	184						
1303420	SWEET CORN SEED, NOT DONATED	LB	144	1,233	1,477						
1303440	CORN SEED,EXC SWT,NT DONATED	LB	82	5,693	3,525						
1303465	YELLOW CORN, NOT DONATED	BU	10	11,896	31,697	500,462	25,306				
1303475	CORN, NSPF, NOT DONATED	BU	245	194	468						
1304020	GRAIN SORGHUM SEED	LB	366	131	42						
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	311	67	142						
1304500	OATS	BU	312	93	141						
1305000	RICE, PADDY OR ROUGH	LB	348	672	68						
1305520	RICE,HUSKED,BROWN,LONG GRAIN	LB	45	45,629	7,250						
1305540	RICE,HUSKED,BROWN,MED. GRAIN	LB	79	36,329	3,899						
1305560	RICE,HUSKED,BRWN,SHORT GRAIN	LB	398	49	4						
1305580	RICE,HUSKED,BRWN,MIXED GRAIN	LB	322	1,462	126						
1306000	RYE	BU	230	119	247						
1306540	WHEAT,UNMILLED,NOT DONATED	BU	142	354	1,532	10,177	797				
1312600	OATS,MILLED EX BRKFST CEREAL	LB	386	137	16						
1313015	LG GR PRBL MD RICE,NT RELIEF	LB	27	43,535	12,558	329	60				
1313025	MD RICE NSPF PRBL, NT RELIEF	LB	283	871	232						
1313030	MD RICE,LG GRN,X PRBL,NT DON	LB	31	48,319	11,876						
1313040	MD RICE,MD GRN,X PRBL,NT DON	LB	107	12,209	2,489						
1313050	MD RICE,SH GRN,X PRBL,NT DON	LB	218	3,622	644	10	2				
1313060	MD RICE,MX GRN,X PRBL,NT DON	LB	208	4,901	735						
1313070	BROKEN RICE, NOT DONATED	LB	207	8,718	737						
1313080	RICE,MILLED,NSPF,NT DONATED	LB	380	163	25						
1314020	DRM FLR & SEMOLINA,NT DNATED	CWT	363	4	45						
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	298	29	180						
1314060	BULGUR WHEAT,NOT DONATED	CWT	396	1	6						
1314090	WHEAT,MILLED,NSPF	CWT	376	9	33						
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	140	171	1,551						
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	137	253	1,731						
1321700	MALTS	LB	241	3,417	501						
1322700	MALT EXTRACT	LB	401	7	2						
1324020	CORNSTARCH, INCLUDING MILO	LB	32	45,024	11,298	56	14				
1324040	STARCHES, NSPF	LB	52	17,752	6,119						
1351800	ASPARAGUS, FRESH OR CHILLED	LB	41	10,281	8,916	8	8	33	31	24	23
1352100	BEANS, FRESH OR CHILLED	LB	94	7,663	2,900						
1352300	BROCCOLI, FRESH OR CHILLED	LB	24	50,555	13,247	388	97				
1352500	BRUSSEL SPROUTS,FRH OR CHLD	LB	191	3,285	880	11	2				
1352700	CABBAGE, FRESH OR CHILLED	LB	158	11,641	1,318						
1352900	CARROTS, FRESH OR CHILLED	LB	42	42,371	8,545	204	40				
1353100	CAULIFLOWER,FRESH OR CHILLED	LB	35	40,566	10,844	232	48				
1353300	CELERY, FRESH OR CHILLED	LB	25	95,942	12,877	79	10				
1353500	DASHEENS,ETC.,FRH OR CHILLED	LB	141	7,957	1,533	84	15	24	13	23	13
1353700	SWEET CORN, FRESH OR CHILLED	LB	69	22,916	4,763	8	2	9	2		
1353900	CUCUMBERS, FRESH OR CHILLED	LB	113	14,911	2,255			77	10		
1354000	GARLIC, FRESH OR CHILLED	LB	224	1,399	596			8	4	7	4

-- CANADA CONTINUED ON NEXT PAGE --

1988 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

TABLE 7.

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1354300	LETTUCE, FRESH OR CHILLED	LB	6	299,277	40,375	967	124	57	39	54	39
1354500	ONIONS,FRSH OR CHLLD,EX SETS	LB	28	100,825	12,258	302	35	12	7	7	3
1354700	PEPPERS, FRESH OR CHILLED	LB	50	36,553	6,406	4	2	2	2	2	2
1354920	POTATOES, WHITE, FR FOR SEED	LB	233	9,329	552						
1354940	POTATOES, WHITE, FR EX SEED	LB	26	65,503	12,592	357	57				
1355300	TOMATOES, FRESH OR CHILLED	LB	4	151,621	44,187	436	122				
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	18	46,353	18,182	21	5	620	328	185	133
1381000	CARROTS, FROZEN	LB	252	1,422	420			42	9	36	9
1382000	CORN, SWEET, FROZEN	LB	167	4,819	1,204						
1383000	PEAS, FROZEN	LB	271	1,076	293			17	4	15	4
1387000	VEGETABLES, NSPF, FROZEN	LB	78	7,874	3,909	44	10	112	48	84	42
1400100	BLK BEANS,X SEEDS,DRIED,ETC	LB	375	125	34						
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	315	407	138						
1400520	LIMA BEANS,BABY	LB	341	204	75						
1400540	LIMA BEANS,OTHER THAN BABY	LB	334	284	94						
1400700	NAVY/PEA BNS,X SEEDS,DRD,ETC	LB	169	6,244	1,189						
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	329	393	102						
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	185	3,927	975						
1401500	WHT BNS,NSPF,X SEEDS,DRD,ETC	LB	372	158	36						
1401800	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	181	2,821	997						
1402920	BLACKEYE COW PEAS X SEED,DRY	LB	357	190	51						
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC	LB	342	189	75						
1403100	BEANS, SEED	LB	132	4,118	1,853						
1403300	PEAS, SEED	LB	109	8,240	2,375						
1403500	LENTILS,DRIED,ETC	LB	156	5,146	1,325						
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	112	3,064	2,264						
1405100	GARLIC,DRIED,ETC.,EXC. FLOUR	LB	159	2,539	1,299			21	14	18	14
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	85	3,362	3,340						
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	278	1,300	251						
1405640	POTATO GRANULES DRY EX FLOUR	LB	399	1	3						
1405660	POTATOES,NSPF,DRD,ETC,X FLR	LB	111	9,314	2,268						
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	257	147	386						
1407100	VEGETABLES REDUCED TO FLOUR	LB	66	2,840	6,794			109	131	5	7
1410100	ASPARAGUS,CND,EXCL. PICKLED	LB	299	325	177						
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	362	403	46						
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	263	832	345						
1410500	CORN, CANNED, EXCL. PICKLED	LB	229	1,739	568						
1411100	PEAS,EXC COW & CHICKPEAS,CND	LB	393	18	9			4	5		
1412220	TOMATO PULP (PUREE), CANNED	LB	293	765	199						
1412240	TMTO SC, EX CTSP & CHILI SC	LB	203	2,688	776						
1412260	TOMATO PASTE, CANNED	LB	46	19,044	7,203						
1412280	TOMATOES, CANNED, NSPF	LB	116	8,233	2,227	20	4				
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	89	8,368	3,078			15	7	6	2
1414200	VEGETABLE BABY FOOD, CANNED	LB	385	40	17						
1415200	CUCUMBERS,PICKLED,W/NOT,CND	LB	135	16,478	1,827						
1415700	VEGETABLES,EX CUCUMBERS,PKLD	LB	282	440	237			2	3		
1417500	VEGETABLES, PREP, PRES, NSPF	LB	202	1,397	795	49	15				
1441000	MUSHROOMS, FRESH	LB	100	2,405	2,695						
1442500	MUSHROOMS, CANNED	LB	368	34	40						
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	272	277	293						
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	153	1,281	1,368	2	2				
1452200	PECANS,NOT SHELLD OR ROASTED	LB	339	83	79						
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	83	4,013	3,445						
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	236	214	526						
1453540	NUTS,NSPF,NT SHLD OR ROASTED	LB	206	497	761						
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	39	5,134	9,038						
1454900	PECANS,SHELLED,NOT BLANCHED	LB	105	1,361	2,522			2	3		
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	108	2,892	2,468	6	3				
1455720	PISTACHIOS, SHELLED	LB	316	65	137						
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	150	1,002	1,416						
1456100	ALMONDS, PREPARED, PRESERVED	LB	75	2,099	4,291						
1457520	PISTACHIOS, PREP OR PRESRVD	LB	214	390	655						
1457542	MACADAMIA, PREP OR PRESERVED	LB	260	56	375			4	18		
1457545	CASHEWS, PREP OR PRESERVED	LB	231	208	566						
1457547	OTHER NUTS,PREP OR PRESERVED	LB	147	1,273	1,439						
1459000	MIXTURES OF EDIBLE NUTS	LB	287	159	214						
1461000	APPLES, FRESH	LB	13	103,837	24,671	172	37				
1463500	AVOCADOS, FRESH	LB	122	2,978	2,077	13	9	67	45	53	36
1465500	STRAWBERRIES, FRESH	LB	16	20,650	19,421	113	106	264	251	108	110
1466500	BERRIES, FRESH, NSPF	LB	91	4,755	3,036			72	46	28	19
1468520	CHERRIES, SWEET, FRESH	LB	47	13,007	7,085			376	199	316	183
1471500	GRAPEFRUIT, FRESH	LB	20	76,830	15,069	648	108				
1471900	LEMONS, FRESH	LB	76	17,326	4,137	150	34				
1472200	LIMES, FRESH	LB	256	2,104	386			52	7		
1473120	TANGERINES, FRESH	LB	59	23,604	5,469	26	6				
1473130	TEMPLE ORANGES, FRESH	LB	98	10,925	2,716	62	14				
1473140	ORANGES, FRESH, NSPF	LB	3	193,871	47,639	915	204	40	2	37	2
1473500	CITRUS FRUITS, FRESH, NSPF	LB	164	5,168	1,255	9	2	2	2	2	2
1476500	GRAPES, FRESH	LB	1	162,484	64,154	1,167	339	328	224	254	224
1481700	CANTALOUPES, FRESH	LB	48	54,367	7,074	468	92				
1482000	WATERMELON, FRESH	LB	71	57,101	4,664	108	8				
1482700	MELONS, FRESH, NSPF	LB	117	10,583	2,220	90	16	2	2		
1487500	PEACHES & NECTARINES, FRESH	LB	19	64,310	17,949	158	46	15	9	29	12
1488500	PEARS, FRESH	LB	29	54,547	12,235	183	36				
1491700	PRUNES AND PLUMS, FRESH	LB	33	37,368	10,948	82	21	341	156	297	152
1493050	KIWIFRUIT, FRESH	LB	80	8,545	3,787	7	2				
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	63	14,366	5,123	110	65	95	58	80	52
1497000	STRAWBERRIES, FROZEN	LB	160	2,334	1,293			126	71		
1497500	BERRIES, FROZEN, NSPF	LB	223	1,320	597			37	15	21	9
1498520	CHERRIES, SWEET, FROZEN	LB	177	1,717	1,026						
1499000	FRUITS, FROZEN, NSPF	LB	189	2,515	915	16	5				
1501200	APPLES, DRIED	LB	246	891	467						
1502200	APRICOTS PEACHES PEARS DRIED	LB	243	459	471			37	21	34	21
1504500	DATES, DRIED	LB	173	1,073	1,083	79	21	27	25	104	46

-- CANADA CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1505200	FIGS, DRIED	LB	262	962	368			48	25	46	25
1506500	GRAPES (RAISINS), DRIED	LB	23	10,832	13,737	33	45				
1506000	PRUNES, DRIED	LB	56	7,497	5,612	30	22				
1508500	FRUITS, DRIED, NSPF	LB	168	1,553	1,204						
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	250	429	447						
1510500	FRUIT IN BRINE, NSPF	LB	284	475	224			4	2		
1511000	APRICOTS, PREP OR PRESERVED	LB	300	397	177			28	19		
1512000	MARASCHINO CHERRIES, PREP	LB	340	80	76						
1512520	CHERRIES, SWEET, NSPF, PREP	LB	96	3,875	2,725						
1513000	BERRIES, PREPARED OR PRES	LB	267	451	331						
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	367	139	42						
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	335	176	87						
1515000	OLIVES, CANNED	LB	216	699	649						
1515500	OLIVES, PREP OR PRES, NSPF	LB	215	893	652						
1516000	PEACHES AND NECTARINES, PREP	LB	127	4,828	1,958						
1517000	PEARS, PREPARED OR PRESERVED	LB	324	344	121						
1518500	FRUIT NSPF, PREP, PRESERVED	LB	176	2,077	1,066						
1519500	FRUIT MIXTURES, NSPF, PREP	LB	61	12,945	5,265			986	579		
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	318	393	130						
1525500	FRUIT BABY FOOD, CANNED	LB	304	576	161						
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	162	3,736	1,270						
1533000	JAMS, JELLIES MARMALADES ETC	LB	156	1,051	965						
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	204	2,765	774						
1551100	SUGAR BEETS AND SUGAR CANE	STN	393	0	18						
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	7	199,072	38,546	1,284	258	15	3		
1552045	RAW SUGAR, BEET OR CANE	STN	247	4	462	6,000	180				
1553000	LIQUID SUGAR & SUGAR SIRUPS	LTS	360	218	47						
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	62	10,550	5,213	56,149	1,534	15	2		
1557000	HONEY	LB	288	350	209						
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	104	6,003	2,530	41	159				
1604500	COFFEE SUBSTITUTES & MIXTURE	LB	352	65	61			1	2		
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	306	368	149						
1616100	MUSTARD SEEDS	LB	313	897	139						
1618100	RED PEPPER	LB	330	54	102						
1621700	SPICE AND SPICE SEEDS, NSPF	LB	58	3,676	5,566			69	77	3	5
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	301	61	167						
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	279	169	247						
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	268	155	329						
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	180	470	1,000	166	39				
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	101	2,123	2,645	8	3				
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	65	2,452	4,859						
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	14	9,507	26,142	26	26				
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	68	2,198	4,791						
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	22	8,186	14,705						
1654120	LEMON JUICE, CONC, FRZN	SSG	219	333	631						
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	183	466	992						
1655400	GRAPE JUICE CONCENTRATED FRZ	SSG	210	312	726						
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	73	2,130	4,533	7	5				
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	198	505	815						
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	270	125	307						
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	274	132	284						
1658000	GRAPE JUICE CONCNTRTD NOT FZ	SSG	124	1,331	2,043						
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	64	2,341	5,051			46	28		
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	253	189	377						
1663040	VEGETABLE JUICES, NSPF	GAL	325	46	119						
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	171	377	1,154						
1673100	STILL WINE NT OV 14% ALCOHOL	WG	30	3,713	12,021	3,406	1,291	117	132	280	1,393
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	174	271	1,057	37	28	122	45	15	71
1675120	CIDER	GAL	351	9	62						
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	269	84	310	921	230			63	230
1683000	BRANDY	PFG	294	39	192	71	36			4	36
1751500	COTTONSEED	LB	242	2,150	480						
1751800	FLAXSEED (LINSEED)	LB	381	414	22						
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	93	13,465	2,993						
1756020	SAFFLOWER SEED	LB	184	11,882	976						
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	166	5,649	1,245						
1761820	COTTONSEED OIL, CRUDE	LB	248	3,064	455						
1761840	COTTONSEED OIL, ONCE-REFINED	LB	239	2,260	502						
1761860	COTTONSEED SALAD OIL NT/RELF	LB	154	4,881	1,353						
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	302	228	166						
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	319	210	129						
1769180	JOJOBA OIL, UNMIXED	LB	395	2	9						
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	179	2,040	1,004			95	47		
1775220	OLEO OIL AND STEARIN, EDIBLE	LB	373	139	34						
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	336	552	82						
1775620	TALLOW, EDIBLE	LB	103	13,892	2,530						
1775640	TALLOW, INEDIBLE	LB	228	3,325	574	1,940	336				
1775900	WOOL GREASE	LB	276	150	277			1	2		
1777320	ANHYDROUS MILK FAT	LB	390	16	13						
1777335	YELLOW GREASE	LB	308	1,931	148						
1777390	OTHER TALLOW, NSPF	LB	115	15,850	2,231						
1781140	VEG SALAD OIL, NOT RELIEF	LB	379	105	28						
1783540	COTTONSEED OIL, HYDROGENATED	LB	321	463	128						
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	195	1,603	845	8	8				
1786000	SALAD & COOKING OIL, MIXTURE	LB	350	137	64						
1787020	BAKING FATS, MIX OF VEG OILS	LB	227	1,126	582						
1787040	BAKNG/FRYNG FATS, NT ALL VEG	LB	185	1,003	924						
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	192	902	877						
1821200	BALLS, ETC, VEG A/OR MT OR FSH	LB	327	39	106						
1823120	OATMEAL, ETC, ROLLED, FLKD, ETC	LB	309	413	146						
1824420	CATSUP AND CHILI SAUCE	LB	232	2,186	559						
1825120	SOUPS, DRIED OR DEHYDRATED	LB	134	2,018	1,829						
1825140	SOUPS, N S P F	LB	200	2,284	797						
1825600	VINEGAR	GAL	275	270	277						

-- CANADA CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B				U S TOTAL		VESSEL		AIR		CAL PORTS	
NUMBER	COMMODITY DESCRIPTION	U/M	RANK	QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1827000	WILD RICE CRUDE OR PROCESSED	LB	264	324	342						
1829420	POTATO CHIPS AND STICKS	LB	74	7,065	4,371						
1829740	MIXED SEASONINGS	LB	139	1,517	1,569			3	3		
1829742	VEG FLOURS & GRITS, DEFATTED	LB	220	4,935	617						
1829744	VEG FLOUR/GRITS NON-DEFATTED	LB	314	846	139						
1829752	VEGETABLE PROTEIN ISOLATES	LB	96	5,019	3,245						
1829754	VEG PRO CONCENTRATES, ETC	LB	133	2,172	1,845			15	7	14	7
1829760	EDIBLE PREP, NSPF, CANNED	LB	130	1,624	1,908						
1829770	EDIBLE PREP, NSPF, FROZEN	LB	77	4,972	4,030						
1829780	EDIBLE PREPARATIONS, NSPF	LB	11	26,862	28,433	5	6	146	134	4	5
1841040	RICE BY-PRODUCTS,ANIMAL FEED	STN	333	2	95						
1841060	BRAN,ETC FRM MLLNG GRN,NSPF	STN	291	4	205						
1842000	BEET PULP, DRIED	STN	331	1	99						
1842500	BREWERS' GRAINS, MALT SPROUT	STN	277	3	274						
1843600	HAY AND STRAW	STN	222	7	605	44	3			0	3
1844300	GRAIN HULLS, SCREENINGS, ETC	STN	236	5	508						
1845240	COTTONSEED OIL CAKE AND MEAL	STN	326	1	115						
1845260	SUNFLWER OIL CAKE, CAKE-MEAL	STN	170	4	1,183	162	7				
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	196	4	842						
1845600	MEAT MEAL & TANKAGE,INEDIBLE	STN	131	14	1,900						
1846620	MEAT, INEDIBLE, FR, CHLD, FZ	LB	253	1,505	402						
1846640	MEAT & OFFAL, INEDIBLE, NSPF	LB	128	4,316	1,956						
1848005	ALFALFA HAY CUBES	STN	209	6	730						
1848010	ALFALFA MEAL, SUN CURED	STN	356	1	52						
1848015	ALFALFA MEAL, DEHYDRATED	STN	394	0	9						
1848025	FEATHER MEAL	STN	290	1	209						
1848032	DOG & CAT FOOD, RETAIL SALE	LB	8	71,259	36,992	120	40				
1848034	PET FOOD NSPF, RETAIL SALE	LB	21	77,756	15,061			9	7		
1848035	POULTRY FEEDS, PREPARED	STN	49	11	6,587						
1848040	DAIRY CATTLE FEED, PREPARED	STN	217	4	646						
1848045	LIVESTOCK FEED, PREP, NSPF	STN	72	26	4,608	11,539	1,364				
1848070	CITRUS PULP PELLETS	STN	392	0	10						
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	40	96	9,980	485	62				
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	92	553	3,022			0	2		
1865700	HAIR AND BRISTLES, NSPF	LB	338	46	81						
1911520	BULL SEMEN (BOVINE)		197	0	822			6	659		
1912520	PANCREAS GLANDS		384	0	17						
1912540	HOOVES, ANTLERS, NAILS, CLAWS		397	0	5			1	5		
1912570	ANIMAL PRODUCTS, NSPF		163	0	1,266			2	27		
1920600	SEAWEED AND CARRAGEENIN	LB	129	548	1,923	14	5	2	8		
1921120	CUT FLOWERS, FRSH SPRAYS ETC		187	0	935			92	226		31
1921140	FOLIAGE,ORNAMENTAL PURPOSES		97	0	3,109	57	10	113	220		64
1922520	HOP PELLETS	LB	54	3,364	5,880						
1922540	HOPS, OTHER	LB	31	1,619	3,638						
1923200	HOP EXTRACT AND LUPULIN	LB	119	562	2,165						
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	303	18	163			17	151	14	151
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	149	2,497	1,420						
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	273	1	285						
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	5	129	42,285						
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	36	29	9,615						
3003011	COTTON FELTING LINTER 1 TO 7	LB	212	4,124	698						
3003021	COTTON LINTERS, OTHER	LB	201	4,930	796						
4523400	LEMON OIL	LB	226	65	585						
4524400	ORANGE OIL	LB	296	117	184						
7482500	FLOWERS, CUT NATURAL,DRIED		240	0	502			36	80		27
7482900	OTHER DRIED PLANTS, N.S.P.F.		320	0	128			1	2		2
	TOTALS FOR CANADA				$1,370,010	600,096	$33,847	5,464	$7,529		$4,604

CHINA M COUNTRY RANK 7

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK,EGG	NO	9	92	573			13	573	34	181
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	4	1,719	5,810			245	5,810	177	454
1000240	CHICKENS,LIVE,EXC BREEDER	NO	16	281	224			22	224		
1001000	CHICKENS, DUCKS, ETC. NSPF	NO	28	21	48	20	48			21	48
1004190	CATTLE,DAIRY,BREEDING,MALE	NO	21	0	123			7	123		
1004180	CATTLE,DAIRY,BREEDING,FEMALE	NO	12	0	352			112	352		
1007100	HORSES FOR BREEDING	NO	65	0	4			3	4		
1008300	SWINE, LIVE	NO	51	0	9			1	9	0	9
1009640	LIVE ANIMALS, NSPF		6	0	2,272			160	2,272		820
1054140	CHICKENS,EX YOUNG, WHOLE	LB	39	34	21			35	21		
1054160	CHICKEN PIECES,FRESH, ETC.	LB	59	9	5	9	5				
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	61	6	5	6	5			6	5
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	46	11	14	16	10	2	4	2	4
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	40	7	19	5	16	2	4	2	4
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	67	5	3	5	3			5	3
1073620	BEEF,EX CRCSS,FRESH,ETC	LB	45	7	15	8	15			7	15
1180500	WHEY, DRIED	LB	18	160	157	165	157			80	20
1201400	CATTLE HIDES, WHOLE	PC	3	130	6,214	5,328	6,214			30	873
1202095	OTHER HIDES AND SKINS,NSPF	NO	13	0	313	28	313				279
1255200	FRUIT AND NUT PLANTS, ETC		48	0	11			1	11		4
1264100	FLOWER SEED	LB	20	17	135			18	135	17	135
1266100	ONION SEED	LB	34	3	29	5	29			3	29
1267100	PEPPER SEED	LB	38	2	25	3	25			2	25
1267300	RADISH SEED	LB	25	8	51			9	51	8	51
1268700	TREE AND SHRUB SEEDS	LB	8	70	1,138			76	1,138	12	176
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	35	19	28	19	28				
1271560	TOMATO SEED	LB	52	0	7	1	7			0	7
1271570	WATERMELON SEED	LB	31	11	34	13	34			11	34
1271580	VEGETABLE SEEDS, NSPF	LB	14	26	307	26	151	8	156	25	202
1271590	SEEDS, NSPF	LB	24	6	52	6	29	2	23	6	52

-- CHINA M CONTINUED ON NEXT PAGE --

TABLE 7. 1988 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1301040	BARLEY, OTHER THAN MALTING	BU	72	1	2	1	2			1	2
1306540	WHEAT,UNMILLED,NOT DONATED	BU	1	242,221	697,838	14,534,411	697,838				
1314090	WHEAT,MILLED,NSPF	CWT	10	106	454	10,538	454				
1324040	STARCHES, NSPF	LB	27	90	48	93	48			30	8
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	73	4	2			5	2	4	2
1387000	VEGETABLES, NSPF, FROZEN	LB	53	12	6	14	6			12	6
1403300	PEAS, SEED	LB	57	15	5	16	5				
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	65	4	3	5	3				
1410500	CORN, CANNED, EXCL. PICKLED	LB	50	32	10	35	10			32	10
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	44	43	15	54	15			43	15
1442500	MUSHROOMS, CANNED	LB	32	71	33	86	33				
1455520	PISTACHIOS, NT SHLD OR RSTD	LB	11	650	437	667	437			650	437
1471900	LEMONS, FRESH	LB	41	80	19	84	19			80	19
1487500	PEACHES & NECTARINES, FRESH	LB	54	38	6	38	6			38	6
1508000	PRUNES, DRIED	LB	35	40	28	40	28				
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	64	5	4	6	4				
1533000	JAMS, JELLIES MARMALADES ETC	LB	33	40	30	45	30			40	30
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	30	91	44	99	44			91	44
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	42	9	18	50	18			6	13
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	69	2	3	3	3				
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	37	9	26	30	26				
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	71	1	2	3	2				
1673100	STILL WINE NT OV 14% ALCOHOL	WG	63	1	4	2	4			1	4
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	65	1	6	6	6			1	4
1775620	TALLOW, EDIBLE	LB	7	6,614	1,322	6,614	1,322			6,614	1,322
1775640	TALLOW, INEDIBLE	LB	17	1,101	200	1,101	200				
1777390	OTHER TALLOW, NSPF	LB	56	14	6	14	6				
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	26	20	51	21	51			5	14
1829752	VEGETABLE PROTEIN ISOLATES	LB	19	159	150	160	150				
1829760	EDIBLE PREP, NSPF, CANNED	LB	59	15	5	18	5			15	5
1829760	EDIBLE PREPARATIONS, NSPF	LB	62	6	4			7	4		
1845600	MEAT MEAL & TANKAGE,INEDIBLE	STN	15	2	252	3,903	252			1	100
1848025	FEATHER MEAL	STN	23	0	56	449	56			0	56
1848035	POULTRY FEEDS, PREPARED	STN	22	0	119	408	119			0	36
1848045	LIVESTOCK FEED, PREP, NSPF	STN	55	0	6						
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	29	0	44	426	44			0	44
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	5	373	2,518	387	2,518			320	1,933
1865700	HAIR AND BRISTLES, NSPF	LB	43	0	16	1	16			0	16
1911520	BULL SEMEN (BOVINE)		70	0	2			0	2		
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	58	1	5	1	5				
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	2	85	25,181	45,568	25,181			15	5,538
4523400	LEMON OIL	LB	49	5	10	6	10				
4524400	ORANGE OIL	LB	47	4	13	5	13			4	13
	TOTALS FOR CHINA M				$746,997	16,611,122	$736,075	725	$10,916		$13,105

EGYPT COUNTRY RANK 8

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK,EGG	NO	35	64	117			6	117		
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	11	519	1,506			71	1,506		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	53	6	13			2	13		
1000260	TURKEYS, LIVE, DOWNY STAGE	NO	26	89	191	492	191				
1004120	CATTLE,BEEF,BREEDING,MALE	NO	71	0	3			2	3		
1004160	CATTLE,DAIRY,BREEDING,MALE	NO	22	0	283	16	34	191	249		
1004180	CATTLE,DAIRY,BREEDING,FEMALE	NO	17	1	634	188	393	105	241		
1009640	LIVE ANIMALS, NSPF		72	0	2			1	2		
1054120	CHICKENS,YOUNG,WHOLE,FRESH	LB	16	2,587	747	2,736	747				
1054140	CHICKENS,EX YOUNG, WHOLE	LB	24	646	260	698	260				
1054160	CHICKEN PIECES,FRESH, ETC.	LB	9	14,522	3,808	14,999	3,808				
1055120	TURKEYS,WHOLE,FRESH,ETC	LB	45	102	59	106	59				
1055140	TURKEY PIECES,FRESH, ETC	LB	10	9,421	2,513	9,890	2,513				
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	21	139	329	141	329				
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	27	48	190	33	139	17	51		
1063200	BEEF TONGUES, FRESH, ETC	LB	52	23	28	24	28				
1063400	BEEF LIVER, FRESH, ETC	LB	6	59,942	13,853	62,980	13,853				
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	12	3,554	1,383	3,733	1,383				
1069000	LAMB OFFAL,FRESH,CHILLED,ETC	LB	50	184	44	189	44				
1076600	MT & EDBL OFFL,PREP EX CANND	LB	56	22	22	29	22				
1155020	NONFAT DRY MILK, DONATED	LB	13	2,143	1,361	2,351	1,361				
1155040	NONFAT DRY MILK,NOT DONATED	LB	30	366	169	372	169				
1181230	INFNTS DIET SUPP,DRY MILK	LB	44	34	62	44	62				
1201400	CATTLE HIDES, WHOLE	PC	62	0	14	231	14				
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		31	0	166			44	166		157
1255200	FRUIT AND NUT PLANTS, ETC		36	0	98			49	98		98
1258100	LIVE PLANTS, NSPF		38	0	93			58	93		93
1260140	ALFALFA SEED, CERTIFIED	LB	49	32	46	33	46				
1261700	SEED, CARROT	LB	41	34	77	44	77				
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	47	58	52	55	47	4	5		
1271515	CUCUMBER SEED	LB	18	109	622	138	622				
1271560	TOMATO SEED	LB	15	60	832	55	407	44	426	18	219
1271580	VEGETABLE SEEDS, NSPF	LB	14	116	1,121	92	613	57	507	34	411
1271590	SEEDS, NSPF	LB	32	22	157	18	104	7	53	3	24
1303440	CORN SEED,EXC SWT,NT DONATED	LB	19	659	431	674	431				
1303465	YELLOW CORN, NOT DONATED	BU	3	35,947	92,765	2,010,629	92,765				
1304020	GRAIN SORGHUM SEED	LB	34	20	124	20	124				
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	40	20	79	1,117	78				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	1	101,216	362,917	6,072,981	362,917				
1314020	DRM FLR & SEMOLINA,NT DONATED	CWT	20	66	387	6,644	387				
1314030	WHEAT FLOUR,NSPF, DONATED	CWT	46	6	53	641	53				
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	2	14,515	113,711	1,458,945	113,711				
1314050	BULGUR WHEAT, DONATED	CWT	53	4	27	353	27				

-- EGYPT CONTINUED ON NEXT PAGE --

TABLE 7.

1985 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B				U S TOTAL		VESSEL		AIR		CAL PORTS	
NUMBER	COMMODITY DESCRIPTION	U/M	RANK	QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1324020	CORNSTARCH, INCLUDING MILO	LB	69	4	3	5	3				
1324040	STARCHES, NSPF	LB	65	27	8	29	8				
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	37	210	94	253	94				
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	51	24	40	25	40			24	40
1453540	NUTS,NSPF,NT SHLD OR ROASTED	LB	48	21	46	23	46			21	46
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	25	111	203	116	203			65	75
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	29	85	179	92	179			85	179
1457547	OTHER NUTS,PREP OR PRESERVED	LB	39	44	92	67	92			44	92
1506500	GRAPES (RAISINS), DRIED	LB	73	3	2	3	2				
1512520	CHERRIES, SWEET, NSPF, PREP	LB	61	8	14	9	14				
1516000	PEACHES AND NECTARINES, PREP	LB	64	29	13	34	13				
1517000	PEARS, PREPARED OR PRESERVED	LB	43	152	63	179	63			138	57
1519500	FRUIT MIXTURES, NSPF, PREP	LB	28	268	185	285	185			101	51
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	60	25	16	42	16			25	16
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	59	8	16	8	16				
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	33	9	124	17	124				
1673100	STILL WINE NT OV 14% ALCOHOL	WG	70	0	3	4	3			0	3
1761840	COTTONSEED OIL, ONCE-REFINED	LB	7	43,831	10,654	43,841	10,654				
1761880	COTTONSEED SALAD OIL NT/RELF	LB	8	21,353	5,271	21,353	5,271				
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	74	9	2	9	2				
1775640	TALLOW, INEDIBLE	LB	4	323,975	55,933	323,975	55,933				
1775900	WOOL GREASE	LB	75	1	2	1	2				
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	55	45	22	51	22				
1829740	MIXED SEASONINGS	LB	57	8	20	9	20				
1829752	VEGETABLE PROTEIN ISOLATES	LB	42	109	71	111	71				
1829780	EDIBLE PREPARATIONS, NSPF	LB	23	172	261	197	261			22	31
1848034	PET FOOD NSPF, RETAIL SALE	LB	66	1	6	2	6				
1848035	POULTRY FEEDS, PREPARED	STN	54	0	23	23	23				
1911520	BULL SEMEN (BOVINE)		58	0	19			0	19		19
1920500	SEAWEED AND CARRAGEENIN	LB	67	2	4			2	4		
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	68	1	3	1	3				
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	5	88	34,191	45,186	34,191			88	34,191
	TOTALS FOR EGYPT				$708,930	10,087,621	$705,376	660	$3,554		$35,799
	FRANCE COUNTRY RANK 17										
1000280	DUCKS, GEESE, GUINEAS, DOWNY	NO	203	3	12			0	12		
1007100	HORSES FOR BREEDING	NO	19	0	3,770			26	3,770	0	10
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	2	1	35,394			247	35,394	0	947
1009620	ANIMALS,LIVE,NSPF FOR FOOD	NO	146	1	44			21	44		
1009640	LIVE ANIMALS, NSPF		34	0	1,548			137	1,548		
1054140	CHICKENS,EX YOUNG, WHOLE	LB	153	131	37	132	37				
1054160	CHICKEN PIECES,FRESH, ETC.	LB	67	839	398	864	398				
1055140	TURKEY PIECES,FRESH, ETC	LB	209	50	9	50	9				
1057100	POULTRY LIVERS,FRESH, ETC	LB	43	4,367	1,094	4,411	1,094				
1058100	BIRD MEAT, CANNED	LB	210	51	8	51	8				
1058300	BIRD MEAT,PREP,EX CANNED	LB	229	2	2			2	2	2	2
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	117	33	76			33	76		
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	78	163	245	83	35	50	134		
1065100	HORSEMEAT,CRCSS,FRESH,ETC	LB	1	35,682	38,093	1,293	1,229	31,839	32,255	19	20
1065200	MEAT,CRCSS,NSPF,FRESH,ETC	LB	132	45	54			19	24		
1068200	BEEF TONGUES, FRESH, ETC	LB	7	17,503	20,648	18,091	20,488	135	140		
1068400	BEEF LIVER, FRESH, ETC	LB	17	17,741	5,549	18,520	5,549				
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	6	15,540	21,152	15,559	20,806	118	74		
1068800	VEAL OFFAL,FRESH,CHILLED,ETC	LB	57	670	552	697	552				
1069600	MEAT OFFAL,NSPF,FRESH,ETC	LB	88	324	171	335	171				
1070100	SAUSAGES,ETC,CANNED	LB	152	39	38	45	38				
1070200	SAUSAGES,ETC, EXC CANNED	LB	74	118	297	119	297				
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	156	25	35			25	35		
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	94	71	149	74	149				
1076600	MT & EDBL OFFL,PREP EX CANND	LB	167	34	29	45	29				
1078000	MEAT EXTRACT,INCLUDING FLUID	LB	155	12	35			1	3		
1178600	CHEESES, NSPF	LB	137	20	48	19	46	2	2		
1180500	WHEY, DRIED	LB	193	62	19	35	13				
1181000	YOGURT, OTHER FERMENTD MILK	LB	151	73	39	83	39			73	39
1181200	INFNTS DIET SUPP,DRY MILK	LB	39	525	1,216	663	1,198	6	11		
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	79	187	240	90	114	11	8		
1186000	MILK PRODUCTS, NSPF		199	0	14			5	14		
1195100	SHELL EGGS FOR HATCHING	DOZ	66	319	408			74	408		
1195300	EGGS IN THE SHELL, NSPF	DOZ	200	6	14			4	14		
1201400	CATTLE HIDES, WHOLE	PC	16	93	5,702	197	232	8	5		
1201720	WHOLE CALF SKINS	PC	55	25	653	308	653				
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	38	120	1,236	773	1,172	1	11	52	904
1202095	OTHER HIDES AND SKINS,NSPF	NO	13	0	6,746	250	6,353	7	267		
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	45	140	959	1,071	959			10	73
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		138	0	48			4	34		
1255200	FRUIT AND NUT PLANTS, ETC		181	0	24			5	24		22
1256500	ROSE PLANTS		140	0	47			21	47		47
1258100	LIVE PLANTS, NSPF		65	0	411	428	387	6	21		4
1260120	ALFALFA SEED, UNCERTIFIED	LB	162	22	31	22	31				
1261700	SEED, CARROT	LB	228	1	2	1	2			1	2
1263140	WHITE CLOVER SEED	LB	207	6	10	6	10			6	10
1264100	FLOWER SEED	LB	46	16	879	3	43	9	713	7	326
1265700	MILLET	LB	56	8,509	577						
1266100	ONION SEED	LB	208	2	9						
1267300	RADISH SEED	LB	204	10	11						
1268700	TREE AND SHRUB SEEDS	LB	159	1	32			1	32		
1271220	SUDAN GRASS SEED	LB	81	692	232	708	232			169	41
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	70	584	341	600	337	4	6	434	179
1271510	CANTALOPE SEED	LB	128	16	58	11	30	10	28	8	30

-- FRANCE CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1271515	CUCUMBER SEED	LB	127	16	60	14	44	3	16	13	48
1271530	LETTUCE SEED	LB	171	2	28	2	29			2	28
1271545	SQUASH SEED	LB	85	41	200	47	200			38	150
1271560	TOMATO SEED	LB	221	0	3	0	3			0	3
1271570	WATERMELON SEED	LB	93	49	160	50	133	9	26	25	81
1271580	VEGETABLE SEEDS, NSPF	LB	41	266	1,170	198	796	103	374	209	877
1271590	SEEDS, NSPF	LB	90	40	167	27	35	15	122	27	96
1301040	BARLEY, OTHER THAN MALTING	BU	111	39	87						
1301700	BUCKWHEAT AND CANARY SEED	LB	172	115	28			63	10		
1303420	SWEET CORN SEED, NOT DONATED	LB	31	823	1,765	726	1,579				
1303440	CORN SEED,EXC SWT,NT DONATED	LB	12	5,377	7,467	2,201	5,396	93	53		
1303465	YELLOW CORN, NOT DONATED	BU	176	7	27	342	23				
1303475	CORN, NSPF, NOT DONATED	BU	212	4	7	225	7			4	7
1304020	GRAIN SORGHUM SEED	LB	33	4,283	1,596	2,819	1,011				
1305000	RICE, PADDY OR ROUGH	LB	163	332	31	335	31			282	26
1305520	RICE,HUSKED,BROWN,LONG GRAIN	LB	106	750	101	750	101				
1305540	RICE,HUSKED,BROWN,MED. GRAIN	LB	178	131	26	132	26			131	26
1305580	RICE,HUSKED,BRWN,MIXED GRAIN	LB	205	139	11	140	11				
1306000	RYE	BU	223	1	3						
1313015	LG GR PRBL MD RICE,NT RELIEF	LB	104	882	109	882	109				
1313030	MD RICE,LG GRN,X PRBL,NT DON	LB	71	2,366	336	2,365	334	1	2	39	10
1313040	MD RICE,MD GRN,X PRBL,NT DON	LB	179	127	26	130	26			127	26
1313050	MD RICE,SM GRN,X PRBL,NT DON	LB	101	480	119	486	119			441	110
1313070	BROKEN RICE, NOT DONATED	LB	223	29	3	30	3				
1314020	DRM FLR & SEMOLINA,NT DNATED	CWT	145	4	44						
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	136	3	49	34	30			0	30
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	32	182	1,763	964	95				
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	63	69	443						
1324020	CORNSTARCH, INCLUDING MILO	LB	123	172	64	98	29				
1324040	STARCHES, NSPF	LB	216	38	5	40	5				
1351800	ASPARAGUS, FRESH OR CHILLED	LB	126	46	60			52	60	7	6
1352100	BEANS, FRESH OR CHILLED	LB	166	78	30	82	30				
1354000	GARLIC, FRESH OR CHILLED	LB	105	234	105	244	105			191	97
1354700	PEPPERS, FRESH OR CHILLED	LB	89	363	171			120	35	41	16
1355300	TOMATOES, FRESH OR CHILLED	LB	197	33	14	37	14				
1355900	VEGETABLES,NSPF,FRM OR CHLD	LB	223	3	3			3	3		
1382000	CORN, SWEET, FROZEN	LB	62	1,325	446	1,377	446				
1387000	VEGETABLES, NSPF, FROZEN	LB	158	150	32	133	21	27	11		
1400100	BLK BEANS,X SEEDS,DRIED,ETC	LB	103	429	110	431	110			429	110
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	9	62,904	10,442						
1400540	LIMA BEANS,OTHER THAN BABY	LB	102	273	118	275	118			117	50
1400700	NAVY/PEA BNS,X SEEDS,DRD,ETC	LB	53	2,720	786						
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	49	3,961	810	980	288			498	151
1401300	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	29	6,147	1,880	1,390	377			156	39
1402920	BLACKEYE COW PEAS X SEED,DRY	LB	131	196	55	197	55			118	30
1403100	BEANS, SEED	LB	24	4,791	2,904	4,926	2,890	6	3	1,716	1,000
1403300	PEAS, SEED	LB	54	2,776	782	2,813	773				
1403500	LENTILS,DRIED,ETC	LB	125	396	61	399	61				
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	169	72	29	7	5				
1405100	GARLIC,DRIED,ETC.,EXC. FLOUR	LB	170	44	28	47	28			28	15
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	119	130	71	138	71			119	63
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	183	84	23	84	23				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	87	30	182	43	182			30	182
1407100	VEGETABLES REDUCED TO FLOUR	LB	80	304	233	114	72	19	23	126	95
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	116	228	77	267	74			221	74
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	150	76	41	83	41				
1410500	CORN, CANNED, EXCL. PICKLED	LB	20	10,629	3,641						
1412220	TOMATO PULP (PUREE), CANNED	LB	226	4	2	5	2				
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	173	65	28	82	28				
1417500	VEGETABLES, PREP, PRES, NSPF	LB	98	107	134	174	131	4	3		
1441000	MUSHROOMS, FRESH	LB	95	121	145	101	40	19	88	17	88
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	48	1,472	836	1,492	836			1,429	814
1452200	PECANS,NOT SHELLD OR ROASTED	LB	143	114	45	105	36	10	9		
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	28	3,091	2,065	3,133	2,065			2,926	1,953
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	73	135	300	155	300			117	256
1453540	NUTS,NSPF,NT SHLD OR ROASTED	LB	175	34	27	36	27			12	11
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	3	20,973	29,617	22,041	29,617			20,586	29,074
1454900	PECANS,SHELLED,NOT BLANCHED	LB	122	28	68	6	13	27	56		
1455720	PISTACHIOS, SHELLED	LB	76	124	263	141	263			124	263
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	99	67	129	72	129			67	129
1456100	ALMONDS, PREPARED, PRESERVED	LB	8	8,765	13,586	9,515	13,585	1	2	8,516	13,214
1457520	PISTACHIOS, PREP OR PRESRVD	LB	77	125	247	129	236	4	11	122	236
1457542	MACADAMIA, PREP OR PRESERVED	LB	139	8	48	9	39	1	9	6	39
1457545	CASHEWS, PREP OR PRESERVED	LB	230	0	2	1	2				
1457547	OTHER NUTS,PREP OR PRESERVED	LB	60	307	485	273	377			133	194
1459000	MIXTURES OF EDIBLE NUTS	LB	215	3	5	4	5				
1461000	APPLES, FRESH	LB	195	72	17	75	17				
1463500	AVOCADOS, FRESH	LB	18	6,940	4,177	6,639	3,832	667	345	339	234
1465500	STRAWBERRIES, FRESH	LB	75	295	295			306	295	22	20
1468520	CHERRIES, SWEET, FRESH	LB	107	98	100			106	100	62	71
1471500	GRAPEFRUIT, FRESH	LB	4	133,336	27,153	140,258	27,153			2,636	366
1471900	LEMONS, FRESH	LB	84	1,133	201	1,195	201			1,053	184
1472200	LIMES, FRESH	LB	58	2,343	518			2,438	518		
1473120	TANGERINES, FRESH	LB	82	979	220	1,013	220			445	100
1473140	ORANGES, FRESH, NSPF	LB	142	207	46	210	44	7	2	147	34
1473500	CITRUS FRUITS, FRESH, NSPF	LB	160	107	32	91	25	24	7	36	12
1476500	GRAPES, FRESH	LB	109	159	90	109	41	79	49	55	26
1487500	PEACHES & NECTARINES, FRESH	LB	206	44	11			49	11	44	11
1491700	PRUNES AND PLUMS, FRESH	LB	184	54	23	40	17	18	6	17	6
1493050	KIWIFRUIT, FRESH	LB	188	29	21	35	21				
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	72	802	326	894	323	3	2	295	103
1497000	STRAWBERRIES, FROZEN	LB	213	7	6			7	6	7	6
1498520	CHERRIES, SWEET, FROZEN	LB	161	54	31	43	26	12	5		
1501200	APPLES, DRIED	LB	166	53	29	58	29			10	5

-- FRANCE CONTINUED ON NEXT PAGE --

TABLE 7.

1986 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1502200	APRICOTS PEACHES PEARS DRIED	LB	202	13	12	14	12			13	12
1504500	DATES, DRIED	LB	23	4,439	3,024	4,759	3,024			4,439	3,024
1505200	FIGS, DRIED	LB	194	58	18	63	18			58	18
1506500	GRAPES (RAISINS), DRIED	LB	52	1,034	788	1,093	788			867	682
1508000	PRUNES, DRIED	LB	22	5,191	3,544	5,370	3,544			5,191	3,544
1511000	APRICOTS, PREP OR PRESERVED	LB	144	102	45	120	45				
1513000	BERRIES, PREPARED OR PRES	LB	222	5	3	6	3				
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	69	983	346	1,029	346				
1518500	FRUIT NSPF, PREP, PRESERVED	LB	154	62	36	78	36			62	36
1519500	FRUIT MIXTURES, NSPF, PREP	LB	180	53	26	84	26			53	26
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	61	1,565	465	1,563	464	20	4	1,564	456
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	139	54	21	58	21				
1533000	JAMS, JELLIES MARMALADES ETC	LB	157	24	33	25	33				
1557000	HONEY	LB	129	94	53	103	58				
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	187	17	21			19	21		
1604500	COFFEE SUBSTITUTES & MIXTURE	LB	211	11	7	16	7				
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	201	23	13	32	13				
1621700	SPICE AND SPICE SEEDS, NSPF	LB	83	113	203	93	152	41	51	53	86
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	26	697	2,147	8,959	2,147				
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	14	2,628	6,537	25,491	6,537				
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	147	36	46	31	26	11	17		
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	198	7	14	18	14				
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	50	405	803	959	803				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	59	297	508	630	508			74	100
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	165	30	30	50	30				
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	191	5	20	58	20				
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	124	23	63	111	63			13	24
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	174	19	27	39	27			19	27
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	134	20	51	58	51			20	51
1663040	VEGETABLE JUICES, NSPF	GAL	192	7	19	28	19				
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	112	34	83	94	35	12	47		
1673100	STILL WINE NT OV 14% ALCOHOL	WG	40	160	1,180	940	938	90	237	130	847
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	68	86	376	172	344	46	32	21	93
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	148	7	43	59	31	1	12		
1751300	FLAXSEED (LINSEED)	LB	231	28	2						
1755120	SUNFLOWER SEED,CONFECTIONERY	LB	177	135	27						
1769180	JOJOBA OIL, UNMIXED	LB	92	26	164	36	164			17	118
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	35	1,595	1,410	1,538	1,061			1,450	1,055
1775640	TALLOW, INEDIBLE	LB	37	7,536	1,256	7,536	1,256				
1777390	OTHER TALLOW, NSPF	LB	182	43	24						
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	186	11	21			13	21		
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	190	23	20	25	20				
1824420	CATSUP AND CHILI SAUCE	LB	164	136	30	218	30			136	30
1825600	VINEGAR	GAL	226	3	2	5	2				
1827000	WILD RICE CRUDE OR PROCESSED	LB	133	30	53	17	33	6	14		
1829420	POTATO CHIPS AND STICKS	LB	218	4	4	5	4				
1829740	MIXED SEASONINGS	LB	220	3	3	4	3				
1829752	VEGETABLE PROTEIN ISOLATES	LB	36	2,065	1,342	91	55				
1829754	VEG PRO CONCENTRATES, ETC	LB	120	132	71			55	31		
1829760	EDIBLE PREP, NSPF, CANNED	LB	217	4	4	5	4				
1829770	EDIBLE PREP, NSPF, FROZEN	LB	100	139	120	130	108	9	4	123	93
1829780	EDIBLE PREPARATIONS, NSPF	LB	91	259	166	23	37	12	8	22	35
1841060	BRAN,ETC FRM MLLNG GRN,NSPF	STN	196	4	17	581	15	3	2	0	6
1842500	BREWERS' GRAINS, MALT SPROUT	STN	10	69	8,367	137,971	8,367				
1844800	GRAIN HULLS, SCREENINGS, ETC	STN	25	38	2,830	75,711	2,830				
1845280	SUNFLWER OIL CAKE, CAKE-MEAL	STN	97	1	136	2,802	136				
1846620	MEAT, INEDIBLE, FR, CHLD, FZ	LB	42	5,624	1,127	5,802	1,106				
1848032	DOG & CAT FOOD, RETAIL SALE	LB	30	4,462	1,846	223	235	32	18	1	6
1848034	PET FOOD NSPF, RETAIL SALE	LB	113	199	82	149	49	4	2		
1848035	POULTRY FEEDS, PREPARED	STN	185	0	21						
1848040	DAIRY CATTLE FEED, PREPARED	STN	141	0	46						
1848045	LIVESTOCK FEED, PREP, NSPF	STN	5	187	23,874	375,086	23,862	4	12		
1848070	CITRUS PULP PELLETS	STN	11	69	8,280	138,224	8,280				
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	47	2	965	4,033	785				
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	64	208	415	209	352	6	63		
1865700	HAIR AND BRISTLES, NSPF	LB	149	25	42	26	42				
1911520	BULL SEMEN (BOVINE)		27	0	2,129			8	2,129		1,627
1912520	PANCREAS GLANDS		130	0	55	51	53	0	2		11
1912550	ANIMAL PRODUCTS, CATTLE EMB		21	2	3,549			16	3,375		
1912570	ANIMAL PRODUCTS, NSPF		44	0	1,012	999	889	5	123		
1920600	SEAWEED AND CARRAGEENIN	LB	219	0	4	0	4				
1921120	CUT FLOWERS, FRSH SPRAYS ETC		118	0	72			11	72		65
1921140	FOLIAGE,ORNAMENTAL PURPOSES		121	0	69			40	69		
1923200	HOP EXTRACT AND LUPULIN	LB	108	12	98						
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	214	0	5			0	5		
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	86	1,687	197	1,676	172	27	25	6	7
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	15	19	6,008	9,196	6,008			4	1,251
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	51	2	789	1,185	789			2	763
3003021	COTTON LINTERS, OTHER	LB	115	169	80	169	80				
4523400	LEMON OIL	LB	110	12	89	14	84	0	5	6	46
4524400	ORANGE OIL	LB	96	105	141	116	109	2	32	27	36
7482500	FLOWERS, CUT NATURAL,DRIED		114	0	80	14	25	1	6		2
7482900	OTHER DRIED PLANTS, N.S.P.F.		135	0	49			17	49		
	TOTALS FOR FRANCE				$357,515	1,096,951	$235,613	37,662	$83,929		$67,732

HONG KONG COUNTRY RANK 19

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK,EGG	NO	256	3	9			0	9		
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	58	387	828			50	828		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	288	6	2			1	2		

-- HONG KONG CONTINUED ON NEXT PAGE --

TABLE 7.

1986 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1001000	CHICKENS, DUCKS, ETC. NSPF	NO	163	39	92	26	80	3	12	31	92
1008300	SWINE, LIVE	NO	202	0	43			6	43		
1009640	LIVE ANIMALS, NSPF		136	0	164	3	5	13	159		89
1054120	CHICKENS,YOUNG,WHOLE,FRESH	LB	63	1,259	766	1,294	766			429	291
1054140	CHICKENS,EX YOUNG, WHOLE	LB	108	586	260	595	260			288	147
1054160	CHICKEN PIECES,FRESH, ETC.	LB	1	100,483	45,464	102,016	45,406	83	58	31,806	15,632
1055120	TURKEYS,WHOLE,FRESH,ETC	LB	129	339	204	344	204			31	26
1055140	TURKEY PIECES,FRESH, ETC	LB	59	2,002	790	2,016	784	3	7	455	213
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	37	2,216	1,492	2,287	1,492			659	474
1057100	POULTRY LIVERS,FRESH, ETC	LB	185	240	66	245	65			189	58
1058100	BIRD MEAT, CANNED	LB	87	184	433	214	433			184	433
1058300	BIRD MEAT,PREP,EX CANNED	LB	56	742	837	793	837			159	149
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	27	321	2,014	329	1,964	15	50	280	723
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	7	3,717	7,734	3,665	7,340	135	395	3,206	6,211
1061060	VEAL,CRCSS,FRESH,CHILLED,ETC	LB	180	18	72	19	69	0	3	18	69
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	201	11	45	12	45			9	36
1065200	MEAT,CRCSS,NSPF,FRESH,ETC	LB	238	11	17	9	12	2	5	10	15
1068200	BEEF TONGUES, FRESH, ETC	LB	206	63	41	63	41			63	41
1068400	BEEF LIVER, FRESH, ETC	LB	117	497	219	522	219			288	130
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	36	1,674	1,494	1,584	1,388	148	106	723	575
1068800	VEAL OFFAL,FRESH,CHILLED,ETC	LB	168	60	85	60	85			1	2
1069600	MEAT OFFAL,NSPF,FRESH,ETC	LB	198	31	49			33	49		
1070100	SAUSAGES,ETC,CANNED	LB	224	22	27	29	27			22	27
1070200	SAUSAGES,ETC, EXC CANNED	LB	17	4,709	3,235	4,940	3,185	18	14	4,591	3,055
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	68	309	670	293	496	31	174	261	456
1074200	BEEF AND VEAL, CANNED	LB	159	162	108	189	108			162	108
1074600	BEEF & VEAL,EX SAUSAGE,NSPF	LB	107	126	267	143	255	3	11	117	251
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	277	5	5			5	5	5	5
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	96	164	374	190	374			164	374
1076600	MT & EDBL OFFL,PREP EX CANND	LB	75	354	599	148	107	236	492	344	578
1150100	MLK & CRM,FLUID,FRSH OR SOUR	GAL	260	5	7	9	7			5	7
1153500	MILK & CRM,SWT(CONDNSD) CNND	LB	226	21	24	26	24			21	24
1154000	MLK & CRM,CNDNS/EVAP,NT CNND	LB	208	98	40	108	40			98	40
1155040	NONFAT DRY MILK,NOT DONATED	LB	95	760	376	485	304			350	109
1155700	DRIED MILK AND CREAM, NSPF	LB	234	30	20	32	20			25	12
1160100	BUTTER	LB	194	66	55	72	55			66	55
1163000	MARGARINE,INCLDNG OLEO	LB	193	126	55	142	55			126	55
1171700	CHEDDAR CHEESE	LB	174	50	78	61	78			37	56
1178200	AMER TYPE CHEESE,EX CHEDDAR	LB	105	199	280	223	278	1	2	199	280
1178600	CHEESES, NSPF	LB	133	118	170	138	167	1	3	118	170
1180500	WHEY, DRIED	LB	40	5,902	1,385	6,057	1,385			3,062	813
1181000	YOGURT, OTHER FERMENTD MILK	LB	223	62	27	63	27			13	13
1181200	INFNTS DIET SUPP,DRY MILK	LB	11	2,210	4,606	2,941	4,603			121	125
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	143	130	134	194	134			51	58
1182500	ICE CREAM	GAL	34	760	1,555	1,381	1,555			760	1,555
1186000	MILK PRODUCTS, NSPF		150	0	126	110	124	2	3		111
1195100	SHELL EGGS FOR HATCHING	DOZ	271	5	6	6	3	0	2	5	6
1195300	EGGS IN THE SHELL, NSPF	DOZ	8	11,409	7,375	23,349	7,375			6,271	3,919
1196520	EGG ALBUMEN(WHITES),DRIED	LB	218	15	29	15	29			15	29
1196540	WHL EGGS,OR YLKS,N/SHLL,DRD	LB	166	55	90	59	90			55	90
1197040	WHL EGG OR YLK,N/SHLL,EX DRD	LB	188	71	63	70	59	5	6	68	43
1201400	CATTLE HIDES, WHOLE	PC	35	30	1,541	1,651	1,484	86	57	19	1,065
1201755	CATTLE HIDE CROUPONS ETC	PC	156	12	111	22	109	0	2	9	88
1201765	BOVINE HIDES,EXC WHOLE,NSPF	LB	155	594	112	248	33	417	79		
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	210	3	38	3	17	1	20	1	25
1202044	EQUINE HIDES	LB	270	105	6	106	6				
1202092	PIG AND HOG SKINS	NO	211	30	36			47	36		
1202095	OTHER HIDES AND SKINS,NSPF	NO	60	0	775	66	567	8	208		401
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	216	6	31	7	11	1	19	3	27
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		165	0	90			9	90		2
1256100	LIVE PLANTS, NSPF		241	0	16	28	14	0	2		2
1260500	BEET SEED, EXCEPT SUGAR BEET	LB	276	1	5	1	5				
1261700	SEED, CARROT	LB	267	3	6	3	6				
1264100	FLOWER SEED	LB	192	10	56			10	56	10	56
1266100	ONION SEED	LB	62	97	767	121	653	23	114	97	767
1267100	PEPPER SEED	LB	130	22	172	28	172			22	172
1267300	RADISH SEED	LB	157	28	111			32	111	28	111
1268700	TREE AND SHRUB SEEDS	LB	289	0	2			0	2		
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	124	91	191	89	189	2	3	89	189
1271530	LETTUCE SEED	LB	266	1	6	1	6			1	6
1271560	TOMATO SEED	LB	164	7	92	8	74	2	18	7	92
1271570	WATERMELON SEED	LB	247	36	13	36	13				
1271580	VEGETABLE SEEDS, NSPF	LB	38	438	1,461	483	1,389	29	72	229	1,257
1271590	SEEDS, NSPF	LB	132	47	170	45	150	7	21	32	165
1303420	SWEET CORN SEED, NOT DONATED	LB	283	2	3	2	3				
1303440	CORN SEED,EXC SWT,NT DONATED	LB	287	3	2	3	2			3	2
1305000	RICE, PADDY OR ROUGH	LB	265	71	7	71	7			71	7
1305520	RICE,HUSKED,BROWN,LONG GRAIN	LB	291	3	2	3	2			3	2
1305540	RICE,HUSKED,BROWN,MED. GRAIN	LB	282	33	3	33	3			33	3
1305580	RICE,HUSKED,BRWN,MIXED GRAIN	LB	296	19	2	19	2			19	2
1306540	WHEAT,UNMILLED,NOT DONATED	BU	3	4,638	18,217	278,269	18,217				
1313015	LG GR PRBL MD RICE,NT RELIEF	LB	212	103	35	112	35			31	10
1313030	MD RICE,LG GRN,X PRBL,NT DON	LB	25	12,471	2,391	12,501	2,391			12,471	2,391
1313040	MD RICE,MD GRN,X PRBL,NT DON	LB	72	3,289	619	3,323	619			3,289	619
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	264	1	7	69	7			1	7
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	294	0	2	23	2			0	2
1322700	MALT EXTRACT	LB	246	43	13	44	13			43	13
1324020	CORNSTARCH, INCLUDING MILO	LB	73	1,444	615	1,507	615			943	408
1324040	STARCHES, NSPF	LB	103	692	284	759	282	5	2	283	128
1351800	ASPARAGUS, FRESH OR CHILLED	LB	89	318	427			352	424	268	350
1352300	BROCCOLI, FRESH OR CHILLED	LB	113	1,134	229	1,179	229			1,134	229
1352500	BRUSSEL SPROUTS,FRM OR CHLD	LB	275	15	5			17	5	15	5
1352700	CABBAGE, FRESH OR CHILLED	LB	100	1,643	301	1,715	301			1,643	301
1352900	CARROTS, FRESH OR CHILLED	LB	154	514	113	519	111	10	2	211	48

-- HONG KONG CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY ,000 LBS	VESSEL VALUE	AIR QTY ,000 LBS	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1353100	CAULIFLOWER,FRESH OR CHILLED	LB	182	180	71	172	62	43	9	180	71
1353300	CELERY, FRESH OR CHILLED	LB	21	13,939	2,527	14,887	2,527			13,938	2,527
1353500	DASHEENS,ETC.,FRH OR CHILLED	LB	228	134	23	141	23			53	11
1353700	SWEET CORN, FRESH OR CHILLED	LB	179	181	73	188	73			132	60
1354000	GARLIC, FRESH OR CHILLED	LB	191	339	58	342	58			339	58
1354300	LETTUCE, FRESH OR CHILLED	LB	9	33,055	6,609	34,797	6,386	665	222	32,800	6,541
1354500	ONIONS,FRSH OR CHLLD,EX SETS	LB	33	11,764	1,590	12,034	1,590			8,898	1,204
1354700	PEPPERS, FRESH OR CHILLED	LB	115	903	220	768	163	206	57	789	193
1354920	POTATOES, WHITE, FR FOR SEED	LB	281	21	4	21	4				
1354940	POTATOES, WHITE, FR EX SEED	LB	122	1,296	194	1,318	194			391	63
1355300	TOMATOES, FRESH OR CHILLED	LB	30	6,550	1,746	6,849	1,746			6,550	1,746
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	128	339	173	131	69	225	105	278	155
1381000	CARROTS, FROZEN	LB	175	425	77	476	77			373	62
1382000	CORN, SWEET, FROZEN	LB	67	2,267	692	2,366	692			581	178
1383000	PEAS, FROZEN	LB	110	910	237	964	237			238	75
1387000	VEGETABLES, NSPF, FROZEN	LB	28	5,377	1,859	5,669	1,847	22	12	575	248
1400100	BLK BEANS,X SEEDS,DRIED,ETC	LB	161	366	104	371	104			366	104
1400520	LIMA BEANS,BABY	LB	235	39	19	39	19			39	19
1400540	LIMA BEANS,OTHER THAN BABY	LB	250	39	12	39	12			39	12
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	189	192	59	202	59			182	55
1401800	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	236	62	19	62	19			62	13
1402920	BLACKEYE COW PEAS X SEED,DRY	LB	98	1,482	431	1,530	431			1,482	431
1403300	PEAS, SEED	LB	249	34	12	35	12				
1403500	LENTILS,DRIED,ETC	LB	290	8	2	8	2				
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	213	39	33	39	33			39	33
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	230	25	22	27	22			25	22
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	244	51	14	70	14			31	8
1405640	POTATO GRANULES DRY EX FLOUR	LB	229	20	23	40	23				9
1405660	POTATOES,NSPF,DRD,ETC,X FLR	LB	215	37	32	41	32				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	145	142	136	150	136			142	136
1407100	VEGETABLES REDUCED TO FLOUR	LB	292	1	2	1	2			1	2
1410100	ASPARAGUS,CND,EXCL. PICKLED	LB	221	79	27	93	27			79	27
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	203	108	42	122	42			108	42
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	209	146	39	173	39			146	39
1410500	CORN, CANNED, EXCL. PICKLED	LB	14	12,779	3,866	15,279	3,866			11,090	3,330
1411100	PEAS,EXC COW & CHICKPEAS,CND	LB	233	39	20	40	20			39	20
1412240	TMTO SC, EX CTSP & CHILI SC	LB	172	217	81	261	81			147	60
1412260	TOMATO PASTE, CANNED	LB	134	359	168	482	168			359	168
1412280	TOMATOES, CANNED, NSPF	LB	225	76	26	87	26			76	26
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	91	637	406	1,030	406			241	107
1414200	VEGETABLE BABY FOOD, CANNED	LB	104	675	283	797	283			675	283
1415200	CUCUMBERS,PICKLED,W/NOT,CND	LB	146	755	134	943	134			755	134
1415700	VEGETABLES,EX CUCUMBERS,PKLD	LB	171	139	83	193	78	10	5	85	60
1417500	VEGETABLES, PREP, PRES, NSPF	LB	183	125	69	133	67	4	2	121	67
1441000	MUSHROOMS, FRESH	LB	237	79	18	81	18			4	3
1442500	MUSHROOMS, CANNED	LB	162	115	96	149	96			63	53
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	187	101	66	118	66			101	66
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	153	126	114	127	114			87	88
1452200	PECANS,NOT SHELLD OR ROASTED	LB	261	6	7	6	7			6	7
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	232	21	21	22	21			21	21
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	57	667	835	690	835			667	835
1453540	NUTS,NSPF,NT SHLD OR ROASTED	LB	53	452	890	484	890			442	866
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	54	704	890	729	956	16	33	704	890
1454900	PECANS,SHELLED,NOT BLANCHED	LB	284	1	3	6	3			1	3
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	268	15	6	18	6			15	6
1455720	PISTACHIOS, SHELLED	LB	94	161	377	223	377			137	327
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	204	7	41	11	41			1	3
1456100	ALMONDS, PREPARED, PRESERVED	LB	85	213	476	275	476			213	476
1457520	PISTACHIOS, PREP OR PRESRVD	LB	43	570	1,272	829	1,272			530	1,222
1457542	MACADAMIA, PREP OR PRESERVED	LB	81	97	528	157	523	1	5	60	282
1457545	CASHEWS, PREP OR PRESERVED	LB	149	41	131	56	131			41	131
1457547	OTHER NUTS,PREP OR PRESERVED	LB	118	116	217	180	213	1	5	116	217
1459000	MIXTURES OF EDIBLE NUTS	LB	84	184	489	360	489			170	450
1461000	APPLES, FRESH	LB	5	74,461	15,911	79,176	15,865			1,946	400
1463500	AVOCADOS, FRESH	LB	217	21	30	5	5	18	26	21	30
1465500	STRAWBERRIES, FRESH	LB	71	442	631			481	631	442	631
1466500	BERRIES, FRESH, NSPF	LB	106	397	274			49	38	17	18
1468520	CHERRIES, SWEET, FRESH	LB	22	2,714	2,525	1,323	875	1,467	1,516	1,498	1,519
1471500	GRAPEFRUIT, FRESH	LB	39	6,343	1,457	6,657	1,457			4,589	1,063
1471900	LEMONS, FRESH	LB	13	14,543	3,931	15,305	3,931			14,210	3,769
1473120	TANGERINES, FRESH	LB	23	6,163	2,516	6,321	2,516			6,163	2,516
1473130	TEMPLE ORANGES, FRESH	LB	41	7,137	1,371	7,592	1,371			7,137	1,371
1473140	ORANGES, FRESH, NSPF	LB	2	175,118	39,926	186,476	39,885			172,469	39,323
1473500	CITRUS FRUITS, FRESH, NSPF	LB	26	4,446	2,327	2,304	645	2,371	1,682	4,446	2,327
1476500	GRAPES, FRESH	LB	6	34,315	15,638	39,890	15,204	598	434	33,563	15,327
1481700	CANTALOUPES, FRESH	LB	143	600	141	77	33	571	108	531	115
1482700	MELONS, FRESH, NSPF	LB	16	14,870	3,368	15,929	3,359	7	9	14,870	3,368
1487500	PEACHES & NECTARINES, FRESH	LB	80	1,368	528	180	83	1,328	445	1,322	510
1488500	PEARS, FRESH	LB	92	1,492	395	1,521	378			33	24
1491700	PRUNES AND PLUMS, FRESH	LB	10	13,513	6,320	13,442	5,506	1,116	814	13,052	6,163
1493050	KIWIFRUIT, FRESH	LB	90	470	425	533	425			470	425
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	55	798	856	12	6	878	851	795	854
1497000	STRAWBERRIES, FROZEN	LB	190	93	59	97	59			93	59
1497500	BERRIES, FROZEN, NSPF	LB	253	9	11	9	11			9	11
1498520	CHERRIES, SWEET, FROZEN	LB	243	26	15			27	15	26	15
1499000	FRUITS, FROZEN, NSPF	LB	169	137	84	131	69	15	15	14	15
1501200	APPLES, DRIED	LB	263	29	7	32	7			29	7
1502200	APRICOTS PEACHES PEARS DRIED	LB	257	2	9	3	9			2	9
1504500	DATES, DRIED	LB	239	42	17	42	17			42	17
1505200	FIGS, DRIED	LB	64	574	722	592	722			574	722
1506500	GRAPES (RAISINS), DRIED	LB	46	1,362	1,234	1,510	1,234			1,362	1,234
1508000	PRUNES, DRIED	LB	45	1,664	1,236	1,822	1,227	9	10	1,537	1,148
1508530	FRUITS, DRIED, NSPF	LB	151	86	123	86	121	2	2	86	123
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	176	74	77	93	77			74	77

-- HONG KONG CONTINUED ON NEXT PAGE --

TABLE 7.

1983 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1512000	MARASCHINO CHERRIES, PREP	LB	55	503	711	990	711			234	246
1512520	CHERRIES, SWEET, NSPF, PREP	LB	158	124	109	163	109			15	13
1513000	BERRIES, PREPARED OR PRES	LB	152	159	118	175	118			155	115
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	102	559	284	681	284			558	284
1515000	OLIVES, CANNED	LB	136	71	66	120	66			71	66
1516000	PEACHES AND NECTARINES, PREP	LB	85	1,035	442	1,228	442			1,035	442
1517000	PEARS, PREPARED OR PRESERVED	LB	279	10	4	12	4			10	4
1518500	FRUIT NSPF, PREP, PRESERVED	LB	123	346	193	390	193			346	193
1519500	FRUIT MIXTURES, NSPF, PREP	LB	32	3,240	1,591	4,279	1,495	119	96	3,138	[illegible]
1525500	FRUIT BABY FOOD, CANNED	LB	131	531	170	944	170			531	170
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	207	64	41	66	41			64	41
1533000	JAMS, JELLIES MARMALADES ETC	LB	97	519	333	486	271	79	62	446	277
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	52	200	892	261	892			4	7
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	214	44	32	49	32			44	32
1552045	RAW SUGAR, BEET OR CANE	STN	220	0	28	174	28			0	11
1557000	HONEY	LB	120	252	205	295	205			252	205
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	114	203	225	237	222	2	3	201	222
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	255	12	11	28	11			12	9
1618100	RED PEPPER	LB	258	20	8	20	8			20	8
1621700	SPICE AND SPICE SEEDS, NSPF	LB	119	153	207	173	207			117	187
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	112	125	229	1,528	229			121	218
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	69	608	645	2,322	645			387	469
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	79	700	554	1,337	554			700	554
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	133	66	150	474	150			14	11
1652500	FRT JUICE NSPF NT CONCENTRTD	GAL	31	1,045	1,742	5,987	1,740	2	2	458	665
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	125	103	188	215	188			57	106
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	252	9	11	40	11			9	11
1653340	ORANGE JUICE CONC FZ 32-128OZ	SSG	61	380	772	918	772			1	3
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	29	1,690	1,791	2,389	1,791			549	717
1654120	LEMON JUICE, CONC, FRZN	SSG	181	33	72	60	72			26	65
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	139	60	150	198	150			33	81
1655400	GRAPE JUICE CONCENTRATED FRZ	SSG	257	5	5	11	5			1	2
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	101	217	288	404	279	7	9	113	110
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	278	2	5	7	5			2	5
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	77	374	577	877	559	15	18	336	544
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	93	219	377	500	373	6	4	219	377
1658000	GRAPE JUICE CONCNTRTD NOT FZ	SSG	265	5	13	27	13				
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	200	63	47	108	37	8	10	19	26
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	73	270	637	2,655	637			270	637
1663040	VEGETABLE JUICES, NSPF	GAL	195	21	53	129	53			21	53
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	93	507	500	1,461	500			491	460
1673100	STILL WINE NT OV 14% ALCOHOL	WG	47	206	1,150	1,589	1,094	10	56	206	1,150
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	98	66	314	355	311	1	2	66	314
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	147	33	134	328	134			25	123
1683000	BRANDY	PFG	173	9	81	43	81			9	81
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	295	3	2	8	2			3	2
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	240	20	16	21	16			20	16
1761840	COTTONSEED OIL, ONCE-REFINED	LB	170	112	83	132	83			112	83
1761880	COTTONSEED SALAD OIL NT/RELF	LB	242	29	16	32	16			29	16
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	178	163	76	189	76			163	76
1775220	OLEO OIL AND STEARIN, EDIBLE	LB	285	12	3	13	3			12	3
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	273	17	5	18	5				
1775620	TALLOW, EDIBLE	LB	293	1	2	1	2			1	2
1775900	WOOL GREASE	LB	126	234	187	284	187				
1777390	OTHER TALLOW, NSPF	LB	197	77	50	84	50			35	37
1783540	COTTONSEED OIL, HYDROGENATED	LB	251	32	12	35	12			32	12
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	129	468	173	489	173			415	148
1786000	SALAD & COOKING OIL, MIXTURE	LB	142	264	143	283	143			264	143
1787020	BAKING FATS, MIX OF VEG OILS	LB	140	202	148	272	148			202	148
1787040	BAKNG/FRYNG FATS, NT ALL VEG	LB	177	169	77	198	76	5	2	162	70
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	160	401	109	416	108			387	91
1821200	BALLS, ETC, VEG A/OR MT OR FSH	LB	219	26	28	30	28			21	15
1823120	OATMEAL, ETC, ROLLED, FLKD, ETC	LB	262	19	7	24	7			19	7
1824620	CATSUP AND CHILI SAUCE	LB	19	8,057	2,750	11,251	2,750			8,057	2,750
1825120	SOUPS, DRIED OR DEHYDRATED	LB	227	14	23	20	21	2	2	14	23
1825140	SOUPS, N S P F	LB	18	8,154	3,100	9,961	3,100			7,926	2,985
1825600	VINEGAR	GAL	167	93	88	329	88			93	88
1829420	POTATO CHIPS AND STICKS	LB	74	456	612	628	612			439	591
1829740	MIXED SEASONINGS	LB	144	73	138	84	138			65	100
1829752	VEGETABLE PROTEIN ISOLATES	LB	141	193	145	200	143	1	2	178	140
1829754	VEG PRO CONCENTRATES, ETC	LB	82	555	524	574	524			506	498
1829760	EDIBLE PREP, NSPF, CANNED	LB	51	1,002	954	1,139	885			797	665
1829770	EDIBLE PREP, NSPF, FROZEN	LB	42	2,107	1,323	2,137	1,323			2,107	1,320
1829780	EDIBLE PREPARATIONS, NSPF	LB	15	3,238	3,529	3,447	3,053	421	476	2,762	2,814
1841020	WHEAT BY-PRODCTS, ANIMAL FEED	STN	230	0	4	101	4			0	4
1841040	RICE BY-PRODUCTS, ANIMAL FEED	STN	236	0	2	86	2			0	2
1841060	BRAN, ETC FRM MLLNG GRN, NSPF	STN	99	1	301	5,052	301			2	281
1842500	BREWERS' GRAINS, MALT SPROUT	STN	272	0	6	45	6			0	6
1843600	HAY AND STRAW	STN	134	1	69	1,588	69			1	61
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	274	0	5	54	5			0	5
1845600	MEAT MEAL & TANKAGE, INEDIBLE	STN	78	2	568	3,930	568			1	290
1846640	MEAT & OFFAL, INEDIBLE, NSPF	LB	222	68	27	73	27			68	27
1848005	ALFALFA HAY CUBES	STN	116	1	219	2,105	219			1	155
1848025	FEATHER MEAL	STN	248	0	13	85	13			0	7
1848032	DOG & CAT FOOD, RETAIL SALE	LB	65	1,809	722	1,925	720	3	2	1,732	599
1848034	PET FOOD NSPF, RETAIL SALE	LB	50	1,920	1,038	2,047	1,021	6	17	1,121	514
1848035	POULTRY FEEDS, PREPARED	STN	12	15	4,175	30,757	4,175			14	3,783
1848040	DAIRY CATTLE FEED, PREPARED	STN	196	0	51	232	51			0	37
1848045	LIVESTOCK FEED, PREP, NSPF	STN	24	15	2,399	30,671	2,305			14	1,465
1848050	OTHER ANIMIAL FEEDS, NSPF	STN	20	8	2,543	16,600	2,543			4	1,572
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	69	494	1,103	502	1,103			373	715
1911520	BULL SEMEN (BOVINE)		205	0	41			0	41		41
1912570	ANIMAL PRODUCTS, NSPF		127	0	179			12	179		147
1920600	SEAWEED AND CARRAGEENIN	LB	46	241	1,135	261	1,135			13	55

-- HONG KONG CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1921120	CUT FLOWERS, FRSH SPRAYS ETC		269	0	6	4	4	0	2		
1921140	FOLIAGE,ORNAMENTAL PURPOSES		111	0	235	155	235				
1923200	HOP EXTRACT AND LUPULIN	LB	76	45	592	53	592				
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	231	2	22			2	22	2	22
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	137	238	155	172	43	98	111	223	138
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	4	55	17,163	29,071	17,163			44	13,655
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	44	4	1,262	1,831	1,242			4	1,262
4523400	LEMON OIL	LB	135	26	165	29	165			11	97
4524400	ORANGE OIL	LB	109	177	244	196	240	0	6	98	144
7452500	FLOWERS, CUT NATURAL,DRIED		254	0	11	3	11				2
7462900	OTHER DRIED PLANTS, N.S.P.F.		199	0	48	27	48				46
	TOTALS FOR HONG KONG				$310,014	1,145,033	$297,313	12,785	$11,950		$203,090
	INDIA COUNTRY RANK 20										
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	19	75	97			2	97		
1007100	HORSES FOR BREEDING	NO	21	0	89			2	89		
1008200	SHEEP, LIVE	NO	12	2	392			240	392		
1066600	BEEF OFFAL,NSPF,FRESH,ETC	LB	11	573	392	600	392				
1155040	NONFAT DRY MILK,NOT DONATED	LB	5	12,094	5,980	12,341	5,980			12,094	5,980
1195100	SHELL EGGS FOR HATCHING	DOZ	38	3	12			1	12		
1271580	VEGETABLE SEEDS, NSPF	LB	33	1	18			1	18	1	18
1271590	SEEDS, NSPF	LB	42	1	4			1	4	1	4
1303465	YELLOW CORN, NOT DONATED	BU	2	7,371	22,222	440,796	22,222				
1306520	WHEAT,UNMILLED,DONATED	BU	6	718	2,638	43,178	2,638				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	1	66,949	221,036	4,016,911	221,036				
1313060	MD RICE,MX GRN,X PRBL,NT DON	LB	32	44	21	45	21				
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	18	15	113	1,462	113				
1314050	BULGUR WHEAT, DONATED	CWT	3	1,388	11,879	140,312	11,879			365	3,504
1324020	CORNSTARCH, INCLUDING MILO	LB	31	83	25	84	23	1	2	32	8
1400100	BLK BEANS,X SEEDS,DRIED,ETC	LB	15	859	183	864	183			858	183
1402920	BLACKEYE COW PEAS X SEED,DRY	LB	14	1,463	284	1,475	284			1,463	284
1403300	PEAS, SEED	LB	26	400	42	403	42				
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	35	135	16	136	16				
1441000	MUSHROOMS, FRESH	LB	43	5	3	5	3			5	3
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	4	11,769	10,883	12,079	10,883			11,769	10,883
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	29	43	33	45	33			43	33
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	10	656	691	675	691			656	691
1456100	ALMONDS, PREPARED, PRESERVED	LB	22	69	82	31	39	23	43	29	39
1471900	LEMONS, FRESH	LB	34	44	16	47	16			44	16
1473140	ORANGES, FRESH, NSPF	LB	41	20	5	22	5			20	5
1621700	SPICE AND SPICE SEEDS, NSPF	LB	40	5	9	7	9			5	9
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	36	5	13	46	13				
1663040	VEGETABLE JUICES, NSPF	GAL	45	1	2			18	2		
1775640	TALLOW, INEDIBLE	LB	17	346	143	365	143				
1777320	ANHYDROUS MILK FAT	LB	30	62	32	73	32			62	32
1777390	OTHER TALLOW, NSPF	LB	39	186	10	203	10			186	10
1629760	EDIBLE PREPARATIONS, NSPF	LB	16	96	165	116	165				
1648032	DOG & CAT FOOD, RETAIL SALE	LB	28	17	34	20	34				
1846034	PET FOOD NSPF, RETAIL SALE	LB	23	148	82	159	82				
1548045	LIVESTOCK FEED, PREP, NSPF	STN	44	0	3	34	3			0	3
1643060	OTHER ANIMIAL FEEDS, NSPF	STN	13	1	385	1,523	385			0	93
1911520	BULL SEMEN (BOVINE)		24	0	75			1	75		22
1912520	PANCREAS GLANDS		25	0	42	44	42				
1920600	SEAWEED AND CARRAGEENIN	LB	7	469	2,392	484	2,338	16	55		
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	37	1	13	1	13				
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	27	140	34	169	34				
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	9	4	1,346	1,718	1,346			4	1,346
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	8	5	2,010	2,799	2,010			5	1,915
4524400	ORANGE OIL	LB	20	45	91	48	60	4	31		
	TOTALS FOR INDIA				$284,037	4,679,319	$283,217	311	$820		$25,081
	INDONESIA COUNTRY RANK 25										
1000210	CHICKENS, BREEDER STOCK,EGG	NO	20	177	221			1	221		
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	10	253	1,544			15	1,544		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	64	83	33			1	33		
1001000	CHICKENS, DUCKS, ETC. NSPF	NO	71	12	27			9	27		
1004180	CATTLE,DAIRY,BREEDING,FEMALE	NO	4	10	7,598	7,507	7,598				
1008300	SWINE, LIVE	NO	33	0	126			17	126		
1009640	LIVE ANIMALS, NSPF		87	0	17			4	17		7
1054140	CHICKENS,EX YOUNG, WHOLE	LB	116	3	8	3	3			3	8
1055120	TURKEYS,WHOLE,FRESH,ETC	LB	126	5	4	5	4			5	4
1055140	TURKEY PIECES,FRESH, ETC	LB	69	34	28	36	28			34	28
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	84	20	18	21	18			20	18
1058100	BIRD MEAT, CANNED	LB	121	2	5	2	5			2	5
1058300	BIRD MEAT,PREP,EX CANNED	LB	91	17	14	18	14			17	14
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	53	19	52	19	52				
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	12	276	940	286	940			276	940
1065200	MEAT,CRCSS,NSPF,FRESH,ETC	LB	40	53	86	57	86			53	86
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	47	35	76	37	76			35	76
1069600	MEAT OFFAL,NSPF,FRESH,ETC	LB	122	13	5			14	5	13	5
1070200	SAUSAGES,ETC, EXC CANNED	LB	78	10	21	12	21			10	21
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	23	63	214	66	210	1	4	63	214
1074600	BEEF & VEAL,EX SAUSAGE,NSPF	LB	83	12	18	15	18			12	18
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	103	5	10	7	10			5	10

-- INDONESIA CONTINUED ON NEXT PAGE --

TABLE 7.

1985 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1150100	MLK & CRM,FLUID,FRSH OR SOUR	GAL	59	35	44	50	44			35	44
1153500	MILK & CRM,SWT(CONDNSD) CNND	LB	134	5	2	6	2			5	2
1155020	NONFAT DRY MILK, DONATED	LB	9	4,423	1,772	4,500	1,772			1,197	564
1155040	NONFAT DRY MILK,NOT DONATED	LB	5	3,725	1,818	3,781	1,818			3,725	1,818
1163000	MARGARINE,INCLDNG OLEO	LB	106	12	9	13	9			12	9
1178200	AMER TYPE CHEESE,EX CHEDDAR	LB	77	11	22	12	22			11	22
1178600	CHEESES, NSPF	LB	63	18	31	20	31			18	31
1180500	WHEY, DRIED	LB	13	1,726	747	1,339	652				
1186000	MILK PRODUCTS, NSPF		65	0	32	34	32				32
1258100	LIVE PLANTS, NSPF		137	0	2			0	2		2
1271580	VEGETABLE SEEDS, NSPF	LB	110	1	9	1	7	0	2	1	9
1306520	WHEAT,UNMILLED,DONATED	BU	6	602	2,730	36,111	2,730				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	2	5,454	21,228	327,239	21,228			2,604	10,287
1313010	RICE, DONATED FOR RELIEF	LB	16	4,018	484	4,030	484			4,018	484
1313015	LG GR PRBL ND RICE,NT RELIEF	LB	36	860	102	862	102			860	102
1313040	MD RICE,MD GRN,X PRBL,NT DON	LB	3	76,727	9,698	76,727	9,698			76,727	9,698
1314050	BULGUR WHEAT, DONATED	CWT	11	183	1,461	18,358	1,461			104	835
1324020	CORNSTARCH, INCLUDING MILO	LB	79	87	21	89	21			87	21
1324040	STARCHES, NSPF	LB	94	43	12	45	12				
1383000	PEAS, FROZEN	LB	141	6	2	7	2			6	2
1387000	VEGETABLES, NSPF, FROZEN	LB	18	121	275	126	275			121	275
1403100	BEANS, SEED	LB	119	26	6			27	6	26	6
1405130	GARLIC,DRIED,ETC.,EXC. FLOUR	LB	81	19	20	21	20			19	20
1405500	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	17	341	290	354	290			341	290
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	57	142	45	147	45			55	17
1405640	POTATO GRANULES DRY EX FLOUR	LB	92	44	13	44	13				
1405660	POTATOES,NSPF,DRD,ETC,X FLR	LB	109	7	9	11	9			7	9
1407100	VEGETABLES REDUCED TO FLOUR	LB	44	60	77	65	77			60	77
1410100	ASPARAGUS,CND,EXCL. PICKLED	LB	125	3	4	4	4			3	4
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	132	12	3	13	3			12	3
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	136	5	2	6	2			5	2
1410500	CORN, CANNED, EXCL. PICKLED	LB	39	183	97	215	97			183	97
1411100	PEAS,EXC COW & CHICKPEAS,CND	LB	127	10	4	12	4			10	4
1412240	TMTO SC, EX CTSP & CHILI SC	LB	135	6	2	7	2			6	2
1412260	TOMATO PASTE, CANNED	LB	105	14	9	18	9			14	9
1412280	TOMATOES, CANNED, NSPF	LB	114	19	8	22	8			19	8
1413700	VEGETABLES,CND,EX PCKLD,NSPF	LB	129	5	4	6	4			5	4
1415200	CUCUMBERS,PICKLED,W/NOT,CND	LB	104	24	10	30	10			24	10
1415700	VEGETABLES,EX CUCUMBERS,PKLD	LB	133	2	3	4	3			2	3
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	42	51	82	54	82			51	82
1454900	PECANS,SHELLED,NOT BLANCHED	LB	113	2	8	2	8			2	8
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	70	18	28	19	28			18	28
1456100	ALMONDS, PREPARED, PRESERVED	LB	28	88	168	96	168			88	168
1459000	MIXTURES OF EDIBLE NUTS	LB	124	3	5	4	5			3	5
1463520	CHERRIES, SWEET, FRESH	LB	131	3	3	3	3			3	3
1499000	FRUITS, FROZEN, NSPF	LB	139	3	2	4	2				
1504500	DATES, DRIED	LB	46	52	77	62	77			52	77
1506500	GRAPES (RAISINS), DRIED	LB	35	171	114	178	114			171	114
1508300	PRUNES, DRIED	LB	128	3	4	4	4			3	4
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	93	17	13	19	13			17	13
1511000	APRICOTS, PREP OR PRESERVED	LB	95	20	12	24	12			20	12
1512000	MARASCHINO CHERRIES, PREP	LB	48	61	71	74	71			61	71
1512520	CHERRIES, SWEET, NSPF, PREP	LB	82	20	19	24	19			20	19
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	100	39	11	39	11			39	11
1515000	OLIVES, CANNED	LB	73	28	25	42	25			28	25
1516000	PEACHES AND NECTARINES, PREP	LB	88	37	16	44	16			37	16
1517000	PEARS, PREPARED OR PRESERVED	LB	74	49	25	59	25			49	25
1518500	FRUIT NSPF, PREP, PRESERVED	LB	111	10	9	13	9			10	9
1519500	FRUIT MIXTURES, NSPF, PREP	LB	72	47	26	56	26			47	26
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	32	562	139	683	139			562	139
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	115	15	8	17	8			15	8
1533000	JAMS, JELLIES MARMALADES ETC	LB	67	29	32	38	32			29	32
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	45	49	77	68	77			49	77
1552045	RAW SUGAR, BEET OR CANE	STN	123	0	5	38	5				
1553000	LIQUID SUGAR & SUGAR SIRUPS	LTS	89	16	16	24	16			16	16
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	85	26	17	158	17			26	17
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	60	57	44	71	44			57	44
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	118	7	6	11	6			7	6
1621700	SPICE AND SPICE SEEDS, NSPF	LB	51	7	55	13	35	1	20	7	55
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	66	10	32	94	32			10	32
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	49	51	67	204	67			51	67
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	120	5	5	8	5			5	5
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	34	73	118	408	118			73	118
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	86	11	17	17	17			11	17
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	50	23	62	38	62			23	62
1655400	GRAPE JUICE CONCENTRATED FRZ	SSG	63	14	36	33	36			14	36
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	108	3	9	10	9			3	9
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	55	21	51	216	51			21	51
1663040	VEGETABLE JUICES, NSPF	GAL	76	9	22	22	22			9	22
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	38	21	100	136	85	139	15	21	100
1673100	STILL WINE NT OV 14% ALCOHOL	WG	29	33	164	364	164			33	164
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	61	5	41	64	41			5	41
1683000	BRANDY	PFG	101	1	11	18	11			1	11
1761080	COTTONSEED SALAD OIL NT/RELF	LB	90	51	14	52	14			51	14
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	52	81	53	88	53			81	53
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	140	2	2	2	2			2	2
1775220	OLEO OIL AND STEARIN, EDIBLE	LB	117	10	7	11	7			10	7
1775640	TALLOW, INEDIBLE	LB	41	252	83	288	83				
1775900	WOOL GREASE	LB	80	16	20	17	20			1	3
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	96	33	12	37	12			33	12
1787020	BAKING FATS, MIX OF VEG OILS	LB	107	15	9	16	9			15	9
1824420	CATSUP AND CHILI SAUCE	LB	112	22	8	33	8			22	8
1825160	SOUPS, N S P F	LB	75	38	24	46	24			38	24
1829420	POTATO CHIPS AND STICKS	LB	99	7	11	8	11			7	11

-- INDONESIA CONTINUED ON NEXT PAGE --

TABLE 7.

1986 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY ,000 LBS	VESSEL VALUE	AIR QTY ,000 LBS	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1629740	MIXED SEASONINGS	LB	54	37	51	43	51			36	48
1629752	VEGETABLE PROTEIN ISOLATES	LB	22	220	214	225	214			137	163
1629754	VEG PRO CONCENTRATES, ETC	LB	98	9	11	9	11			9	11
1629760	EDIBLE PREP, NSPF, CANNED	LB	138	2	2	2	2			2	2
1629770	EDIBLE PREP, NSPF, FROZEN	LB	14	244	673	252	673			244	673
1629780	EDIBLE PREPARATIONS, NSPF	LB	27	194	173	205	162	15	11	194	173
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	31	1	139	2,140	139				
1845600	MEAT MEAL & TANKAGE,INEDIBLE	STN	24	1	198	1,007	198			1	157
1848005	ALFALFA HAY CUBES	STN	102	0	11	119	11			0	11
1848025	FEATHER MEAL	STN	7	10	2,608	19,894	2,608			0	60
1848032	DOG & CAT FOOD, RETAIL SALE	LB	37	221	100	242	100			221	100
1848034	PET FOOD NSPF, RETAIL SALE	LB	25	770	193	1,157	163	10	29	58	65
1848045	LIVESTOCK FEED, PREP, NSPF	STN	21	0	218	617	218			0	22
1848070	CITRUS PULP PELLETS	STN	97	0	11	39	11				
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	19	1	244	1,632	244				
1911520	BULL SEMEN (BOVINE)		43	0	79			1	79		56
1912570	ANIMAL PRODUCTS, NSPF		30	0	154	20	154				154
1920600	SEAWEED AND CARRAGEENIN	LB	26	47	187	44	168	8	19		
1923200	HOP EXTRACT AND LUPULIN	LB	62	8	40	10	40				
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	130	2	3	2	3				
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	15	2	504	848	504			2	504
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	1	273	92,996	143,503	92,996			245	84,210
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	5	11	4,484	5,732	4,484			11	4,346
4523400	LEMON OIL	LB	58	11	45	12	45				
4524400	ORANGE OIL	LB	56	49	49	55	49			34	20
	TOTALS FOR INDONESIA				$157,652	665,196	$155,398	262	$2,158		$119,019

IRAQ COUNTRY RANK 9

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1003230	CHICKENS, BREEDER STOCK,MEAT	NO	34	67	791			10	791		
1004190	CATTLE,LIVE,NOT FOR BREEDING	NO	51	0	63			81	63		
1009640	LIVE ANIMALS, NSPF		53	0	42			3	42		
1054120	CHICKENS,YOUNG,WHOLE,FRESH	LB	27	3,847	2,269	4,146	2,269				
1054150	CHICKEN PIECES,FRESH, ETC.	LB	28	3,347	1,808	4,132	1,808				
1068400	BEEF LIVER, FRESH, ETC	LB	30	2,357	1,058	2,461	1,058				
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	45	336	145	351	145				
1069000	LAMB OFFAL,FRESH,CHILLED,ETC	LB	54	66	41	69	41				
1153100	MLK & CRM,FLUID,FRSH OR SOUR	GAL	55	12	33	120	33			12	33
1154000	MLK & CRM,CNDNS/EVAP,NT CNND	LB	29	913	1,111	813	1,111			813	1,111
1155040	NONFAT DRY MILK,NOT DONATED	LB	8	27,955	17,373	29,160	17,373			3,972	6,173
1155700	DRIED MILK AND CREAM, NSPF	LB	15	5,622	7,213	6,197	7,213			5,622	7,213
1160100	BUTTER	LB	17	11,175	5,201	11,386	5,201			75	62
1171700	CHEDDAR CHEESE	LB	13	8,759	4,923	9,066	4,923				
1175200	AMER TYPE CHEESE,EX CHEDDAR	LB	14	12,853	8,323	13,755	9,323				
1181200	INFNTS DIET SUPP,DRY MILK	LB	20	1,879	3,719	2,492	3,718	4	2		
1195100	SHELL EGGS FOR HATCHING	DOZ	7	8,533	24,142			9,854	23,849		
1195300	EGGS IN THE SHELL, NSPF	DOZ	22	5,645	2,671	5,765	2,205	208	467		
1201400	CATTLE HIDES, WHOLE	PC	25	42	2,352	2,115	2,352				
1260120	ALFALFA SEED, UNCERTIFIED	LB	47	77	93	78	93			77	93
1260140	ALFALFA SEED, CERTIFIED	LB	39	153	316	155	316			20	29
1261700	SEED, CARROT	LB	50	43	76	52	76				
1266100	ONION SEED	LB	44	43	271	53	271			43	271
1267300	RADISH SEED	LB	56	18	28	26	28				
1271220	SUDAN GRASS SEED	LB	49	447	80	452	80				
1271510	CANTALOPE SEED	LB	35	77	616	114	616				
1271515	CUCUMBER SEED	LB	33	155	832	198	832				
1271545	SQUASH SEED	LB	52	6	43	10	43				
1271560	TOMATO SEED	LB	24	212	2,450	292	2,450				
1271570	WATERMELON SEED	LB	26	684	2,276	1,074	2,276			334	1,131
1271580	VEGETABLE SEEDS, NSPF	LB	21	364	2,690	417	2,371	17	319	199	684
1271590	SEEDS, NSPF	LB	43	99	282	134	282			99	282
1301040	BARLEY, OTHER THAN MALTING	BU	11	7,029	10,856	337,386	10,856				
1303465	YELLOW CORN, NOT DONATED	BU	4	25,470	71,900	1,426,304	71,900				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	2	32,888	112,086	1,973,263	112,086				
1313015	LG GR PRBL MD RICE,NT RELIEF	LB	19	31,632	3,972	31,716	3,972				
1313030	MD RICE,LG GRN,X PRBL,NT DON	LB	1	1,017,545	181,118	1,026,341	181,118				
1313040	MD RICE,MD GRN,X PRBL,NT DON	LB	9	82,095	14,098	82,095	14,098			82,095	14,098
1400300	GR NRTH BNS,X SEEDS,DRD,ETC	LB	13	37,047	9,601	37,270	9,601				
1402920	BLACKEYE COW PEAS X SEED,DRY	LB	38	999	347	1,012	347			998	347
1403500	LENTILS,DRIED,ETC	LB	31	5,996	1,028	6,041	1,028				
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	48	68	92	69	92			68	92
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	6	218,125	30,181	219,901	30,181				
1656800	FRUIT JUICES NSPF CONC NT FZ	SSG	37	148	370	296	370				
1751500	COTTONSEED	LB	36	877	472	787	419	110	53		
1775640	TALLOW, INEDIBLE	LB	10	66,622	12,475	66,622	12,475				
1777320	ANHYDROUS MILK FAT	LB	32	1,483	857	1,640	857				
1777390	OTHER TALLOW, NSPF	LB	23	4,063	2,454	4,682	2,454				
1781120	VEG SALAD OIL HYDRGNTD RELEF	LB	16	10,879	6,353	12,105	6,353				
1781140	VEG SALAD OIL, NOT RELIEF	LB	40	509	300	563	300				
1848035	POULTRY FEEDS, PREPARED	STN	3	171	93,572	341,117	93,572				
1848045	LIVESTOCK FEED, PREP, NSPF	STN	45	1	267	2,846	267				
1922520	HOP PELLETS	LB	42	83	283	94	283				
1923200	HOP EXTRACT AND LUPULIN	LB	41	76	292	82	282	1	9		
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	5	111	38,180	56,232	38,180			7	2,479
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	12	23	10,027	12,251	10,027				
	TOTALS FOR IRAQ				$694,512	5,733,801	$668,625	10,290	$25,594		$34,098

TABLE 7.

1966 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

ISRAEL COUNTRY RANK 24

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY ,000 LBS	VESSEL VALUE	AIR QTY ,000 LBS	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	49	15	175			2	175		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	104	14	26			2	26		
1009640	LIVE ANIMALS, NSPF		38	0	249			15	249		
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	75	20	74	22	74				
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	143	0	2			0	2		
1068200	BEEF TONGUES, FRESH, ETC	LB	17	769	931	778	931				
1068400	BEEF LIVER, FRESH, ETC	LB	27	958	449	1,006	449				
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	13	2,663	1,740	2,809	1,740				
1073320	BEEF,EX CRCSS,FRESH,ETC	LB	144	1	2			1	2		
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	133	5	5			5	5		
1155020	NONFAT DRY MILK, DONATED	LB	45	390	194	398	194				
1155040	NONFAT DRY MILK,NOT DONATED	LB	70	256	82	254	51	6	31		
1178600	CHEESES, NSPF	LB	37	131	260	133	260				
1180500	WHEY, DRIED	LB	30	394	368	396	368				
1181200	INFNTS DIET SUPP,DRY MILK	LB	94	65	41	84	39	4	2		
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	130	4	6	4	3	1	3		
1186000	MILK PRODUCTS, NSPF		120	0	13			9	13		
1195100	SHELL EGGS FOR HATCHING	DOZ	40	113	232			8	232	52	113
1195300	EGGS IN THE SHELL, NSPF	DOZ	59	131	123			36	123		
1195520	EGG ALBUMEN(WHITES),DRIED	LB	82	20	37	21	37				
1201400	CATTLE HIDES, WHOLE	PC	21	20	781	408	772	4	9		
1201720	WHOLE CALF SKINS	PC	46	17	189	88	189				
1201765	BOVINE HIDES,EXC WHOLE,NSPF	LB	108	112	24			126	24		
1202095	OTHER HIDES AND SKINS,NSPF	NO	107	0	24			1	24		
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		142	0	2			0	2		2
1258100	LIVE PLANTS, NSPF		125	0	10			2	10		10
1264100	FLOWER SEED	LB	103	1	27			1	24	1	17
1266100	ONION SEED	LB	58	18	126	18	126			18	126
1268700	TREE AND SHRUB SEEDS	LB	136	0	4			0	4		
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	78	195	65	196	65			11	5
1271570	WATERMELON SEED	LB	96	39	873	2	9	57	864	2	9
1271580	VEGETABLE SEEDS, NSPF	LB	32	35	280	17	172	23	108	33	254
1271590	SEEDS, NSPF	LB	55	50	132	45	30	6	102	48	111
1301020	BARLEY FOR MALTING	BU	50	159	175	7,620	175				
1301040	BARLEY, OTHER THAN MALTING	BU	4	6,291	5,727	297,883	5,727				
1303420	SWEET CORN SEED, NOT DONATED	LB	19	383	860	384	854	2	5	8	15
1303440	CORN SEED,EXC SWT,NT DONATED	LB	75	74	71	75	71				
1303465	YELLOW CORN, NOT DONATED	BU	2	14,082	36,951	785,890	36,951				
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	3	13,427	33,550	751,960	33,550				
1305000	RICE, PADDY OR ROUGH	LB	146	17	2	17	2				
1305560	RICE,HUSKED,BRWN,SHORT GRAIN	LB	54	881	137	881	137			881	137
1306540	WHEAT,UNMILLED,NOT DONATED	BU	1	14,096	55,226	845,660	55,226				
1313010	RICE, DONATED FOR RELIEF	LB	47	1,395	184	1,416	184				
1313015	LG GR PRBL HD RICE,NT RELIEF	LB	71	201	78	217	78				
1313030	HD RICE,LG GRN,X PRBL,NT DON	LB	127	12	8	12	8				
1314020	DRM FLR & SEMOLINA,NT DNATED	CWT	42	19	198	1,870	198				
1314030	WHEAT FLOUR,NSPF, DONATED	CWT	23	67	622	6,713	622				
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	11	254	2,612	25,370	2,606				
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	132	1	5	54	5			1	5
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	93	6	45	639	45				
1321700	MALTS	LB	62	904	118	907	118				
1324020	CORNSTARCH, INCLUDING MILO	LB	36	336	265	307	256				
1324040	STARCHES, NSPF	LB	100	64	28	11	4	11	8		
1382000	CORN, SWEET, FROZEN	LB	39	785	244	815	244			785	244
1387000	VEGETABLES, NSPF, FROZEN	LB	76	89	69	92	69			51	41
1400100	BLK BEANS,X SEEDS,DRIED,ETC	LB	122	31	11	32	11			31	11
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	98	160	35						
1401800	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	131	40	6						
1402920	BLACKEYE COW PEAS X SEED,DRY	LB	113	89	19	89	19			89	19
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC	LB	121	39	11	39	11			39	11
1403100	BEANS, SEED	LB	61	128	121	129	121			8	6
1403300	PEAS, SEED	LB	52	589	158	594	158				
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	139	1	3			1	3		
1405100	GARLIC,DRIED,ETC.,EXC. FLOUR	LB	44	247	197	257	192	2	5	247	197
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	53	174	154	173	132	9	22	141	126
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	112	124	20	126	20				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	67	27	99	29	99			27	99
1407100	VEGETABLES REDUCED TO FLOUR	LB	80	96	62	91	46	10	16	95	56
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	29	621	374	727	374				
1412240	TMTO SC, EX CTSP & CHILI SC	LB	126	37	9	45	9				
1415200	CUCUMBERS,PICKLED,W/NOT,CND	LB	110	35	21	47	21				
1415700	VEGETABLES,EX CUCUMBERS,PKLD	LB	106	39	24	39	24				
1417500	VEGETABLES, PREP, PRES, NSPF	LB	109	30	21			34	21		
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	31	344	320	333	320			299	279
1452300	WALNUTS,NOT SHLLD OR ROASTED	LB	22	802	721	828	721			791	714
1453540	NUTS,NSPF,NT SHLD OR ROASTED	LB	97	44	35	44	35			44	35
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	5	2,588	3,917	2,703	3,917			2,522	3,807
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	10	1,604	2,630	1,700	2,630			1,548	2,536
1455720	PISTACHIOS, SHELLED	LB	74	212	73	227	73			212	73
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	83	27	54	27	54				
1456100	ALMONDS, PREPARED, PRESERVED	LB	33	168	279	198	279			168	279
1457545	CASHEWS, PREP OR PRESERVED	LB	95	23	40	24	40			23	40
1457547	OTHER NUTS,PREP OR PRESERVED	LB	56	84	129	89	129			84	129
1465500	STRAWBERRIES, FRESH	LB	86	58	51	64	51			20	10
1468520	CHERRIES, SWEET, FRESH	LB	99	39	33	44	33				
1471500	GRAPEFRUIT, FRESH	LB	77	101	68	108	68				
1473500	CITRUS FRUITS, FRESH, NSPF	LB	123	40	10			43	10	40	10
1491700	PRUNES AND PLUMS, FRESH	LB	90	72	47	74	47			72	47

-- ISRAEL CONTINUED ON NEXT PAGE --

1988 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

TABLE 7.

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1501200	APPLES, DRIED	LB	102	29	27	35	27			29	27
1506500	GRAPES (RAISINS), DRIED	LB	16	1,249	976	1,317	976			1,215	947
1508000	PRUNES, DRIED	LB	14	2,344	1,735	2,431	1,735			1,428	1,028
1508500	FRUITS, DRIED, NSPF	LB	105	13	26	13	26			5	10
1513000	BERRIES, PREPARED OR PRES	LB	57	139	127	156	127				
1518500	FRUIT NSPF, PREP, PRESERVED	LB	84	71	54	78	49	6	5	6	5
1519500	FRUIT MIXTURES, NSPF, PREP	LB	101	31	27	37	27				
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	43	306	198	332	193			24	9
1533000	JAMS, JELLIES MARMALADES ETC	LB	79	71	64	75	64				
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	60	718	123	728	119	3	4		
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	135	11	4	11	4				
1616100	MUSTARD SEEDS	LB	140	7	2	7	2				
1621700	SPICE AND SPICE SEEDS, NSPF	LB	119	12	15	12	15				
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	124	3	10	38	10				
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	12	1,572	2,258	2,712	2,258			313	519
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	64	39	108	218	108				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	9	1,821	3,192	4,420	3,192			420	561
1654120	LEMON JUICE, CONC, FRZN	SSG	51	65	165	286	165			68	165
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	6	2,126	3,661	5,639	3,661			86	215
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	83	19	48	90	48				
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	34	212	273	623	273				
1663040	VEGETABLE JUICES, NSPF	GAL	116	6	16	35	16				
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	81	25	59	29	59				
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	123	1	8	10	8			1	8
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	72	107	76	107	76			107	76
1769180	JOJOBA OIL, UNMIXED	LB	145	0	2	0	2				
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	41	212	208	214	206	2	2	205	161
1775640	TALLOW, INEDIBLE	LB	7	23,547	3,548	23,547	3,548				
1777390	OTHER TALLOW, NSPF	LB	117	40	16	41	16				
1787020	BAKING FATS, MIX OF VEG OILS	LB	15	8,708	1,521	8,754	1,521				
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	141	2	2	2	2				
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	26	459	530	466	495	34	35	23	27
1823120	OATMEAL,ETC,ROLLED,FLKD,ETC	LB	134	20	4	21	4				
1824420	CATSUP AND CHILI SAUCE	LB	87	97	51	97	51				
1825140	SOUPS, N S P F	LB	114	23	18	24	18				
1829740	MIXED SEASONINGS	LB	96	34	39	31	32	1	2		
1829752	VEGETABLE PROTEIN ISOLATES	LB	58	104	89	7	6				
1829754	VEG PRO CONCENTRATES, ETC	LB	35	271	268	278	257	4	11		
1829760	EDIBLE PREP, NSPF, CANNED	LB	59	49	48	54	48			22	12
1829770	EDIBLE PREP, NSPF, FROZEN	LB	115	1	17			2	17		
1829780	EDIBLE PREPARATIONS, NSPF	LB	28	277	407	320	355	7	51	15	92
1845280	SUNFLWER OIL CAKE, CAKE-MEAL	STN	63	1	111	1,705	111				
1848032	DOG & CAT FOOD, RETAIL SALE	LB	25	2,003	533	2,119	533				
1848034	PET FOOD NSPF, RETAIL SALE	LB	48	636	181	654	179	0	2	0	2
1848035	POULTRY FEEDS, PREPARED	STN	91	0	46	120	46				
1848045	LIVESTOCK FEED, PREP, NSPF	STN	24	10	535	20,301	535				
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	65	0	102	368	102				
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	92	13	45	14	45				
1911520	BULL SEMEN (BOVINE)		69	0	84			3	84		
1912570	ANIMAL PRODUCTS, NSPF		129	0	8			2	8		
1920600	SEAWEED AND CARRAGEENIN	LB	46	20	100	15	84	7	16		
1921140	FOLIAGE,ORNAMENTAL PURPOSES		138	0	3			0	3		
1923200	HOP EXTRACT AND LUPULIN	LB	137	3	4	3	4			3	4
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	118	2	16			2	16	2	16
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	111	4	20	3	13	1	7		
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	8	10	3,389	5,078	3,388			2	747
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	20	2	820	1,044	820			2	751
4524400	ORANGE OIL	LB	85	5	51	5	51				
	TOTALS FOR ISRAEL				$183,560	2,829,126	$181,013	495	$2,385		$14,953

ITALY COUNTRY RANK 16

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK,EGG	NO	79	82	155			10	155		
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	35	259	1,396			37	1,396		
1007100	HORSES FOR BREEDING	NO	40	0	1,072			77	1,072		
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	26	0	1,906			35	1,888	0	25
1008300	SWINE, LIVE	NO	89	0	134			28	134		
1009640	LIVE ANIMALS, NSPF		46	0	565			46	565		
1054160	CHICKEN PIECES,FRESH, ETC.	LB	139	40	30	40	30				
1055120	TURKEYS,WHOLE,FRESH,ETC	LB	146	25	22	26	22				
1055140	TURKEY PIECES,FRESH, ETC	LB	149	15	20	16	20				
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	159	6	13	6	13				
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	97	74	115	77	115				
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	151	3	18	2	7	1	11		
1065100	HORSEMEAT,CRCSS,FRESH,ETC	LB	12	8,276	8,488	6,659	6,434	1,711	1,773		
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	72	383	183	395	183				
1070200	SAUSAGES,ETC, EXC CANNED	LB	189	1	2	2	2				
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	161	6	13			6	13		
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	152	17	18			18	18		
1155700	DRIED MILK AND CREAM, NSPF	LB	130	116	40						
1178600	CHEESES, NSPF	LB	160	7	13	7	13				
1181200	INFNTS DIET SUPP,DRY MILK	LB	170	7	10			9	10		
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	109	63	73			12	13		
1195100	SHELL EGGS FOR HATCHING	DOZ	47	275	511			77	511		
1195300	EGGS IN THE SHELL, NSPF	DOZ	147	4	22			6	22		
1196520	EGG ALBUMEN(WHITES),DRIED	LB	177	2	5						
1196540	WHL EGGS,OR YLKS,W/SHLL,DRD	LB	172	5	7						
1201400	CATTLE HIDES, WHOLE	PC	5	296	15,101	6,817	7,317	65	48		
1201720	WHOLE CALF SKINS	PC	4	955	15,681	8,260	14,470				
1201740	WHOLE KIP SKINS	PC	32	49	1,491	1,002	1,280				

-- ITALY CONTINUED ON NEXT PAGE --

TABLE 7.

1985 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1201755	CATTLE HIDE CROUPONS ETC	PC	56	20	298	40	11				
1201765	BOVINE HIDES,EXC WHOLE,NSPF	LB	66	786	225			3	31		
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	15	659	3,967	2,403	3,967			309	1,779
1202047	GOAT AND KID SKINS	PC	195	0	2			6	2		
1202092	PIG AND HOG SKINS	NO	48	120	444	244	69				
1202095	OTHER HIDES AND SKINS,NSPF	NO	9	0	10,259	799	8,678	53	1,567		22
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	16	371	3,684	2,183	3,684			23	209
1255200	FRUIT AND NUT PLANTS, ETC		71	0	198	90	196	1	2		198
1258100	LIVE PLANTS, NSPF		51	0	403	313	233	51	170		139
1260120	ALFALFA SEED, UNCERTIFIED	LB	61	173	262	99	180				
1260140	ALFALFA SEED, CERTIFIED	LB	65	233	227	236	227			37	71
1261700	SEED, CARROT	LB	191	0	2	0	2			0	2
1263120	LADINO CLOVER SEED	LB	52	223	403	237	403			146	223
1263140	WHITE CLOVER SEED	LB	137	43	31	43	31				
1263200	CLOVER SEED, NSPF	LB	39	1,953	1,088	2,012	1,088			13	24
1264100	FLOWER SEED	LB	123	1	46			1	39	1	30
1265700	MILLET	LB	98	852	113	115	35				
1266100	ONION SEED	LB	100	11	100	16	100			11	100
1267100	PEPPER SEED	LB	119	17	52	12	30	9	22	10	30
1267300	RADISH SEED	LB	190	1	2	2	2			1	2
1268100	SPINACH SEED	LB	108	77	79	85	79			36	35
1268700	TREE AND SHRUB SEEDS	LB	131	4	39			0	3	0	3
1271220	SUDAN GRASS SEED	LB	125	100	45	101	45				
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	29	1,613	1,769	1,596	1,724			777	1,356
1271510	CANTALOPE SEED	LB	142	1	26	1	26			0	2
1271515	CUCUMBER SEED	LB	150	2	19	2	12	1	7	2	12
1271530	LETTUCE SEED	LB	127	6	43	6	33	1	10	3	19
1271545	SQUASH SEED	LB	62	36	258	34	104	13	154	30	240
1271560	TOMATO SEED	LB	91	11	133	12	130	0	2	11	133
1271570	WATERMELON SEED	LB	30	259	1,730	284	1,704	5	26	10	57
1271580	VEGETABLE SEEDS, NSPF	LB	13	1,476	6,934	1,246	5,400	355	1,496	1,135	6,295
1271590	SEEDS, NSPF	LB	25	3,186	2,105	2,192	1,514	14	76	446	449
1301020	BARLEY FOR MALTING	BU	194	0	2						
1301700	BUCKWHEAT AND CANARY SEED	LB	158	60	14						
1303420	SWEET CORN SEED, NOT DONATED	LB	63	166	258	17	25			4	4
1303440	CORN SEED,EXC SWT,NT DONATED	LB	3	19,271	17,452	12,603	12,303	29	30		
1303465	YELLOW CORN, NOT DONATED	BU	17	1,264	3,428	70,560	3,412				
1304020	GRAIN SORGHUM SEED	LB	31	5,971	1,504	2,096	913	9	3		
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	145	11	24	636	24				
1305000	RICE, PADDY OR ROUGH	LB	23	28,999	2,152	28,999	2,152			25,350	1,796
1306540	WHEAT,UNMILLED,NOT DONATED	BU	2	12,031	51,786	721,834	51,786			579	2,627
1313040	MD RICE,MD GRN,X PRBL,NT DON	LB	43	6,915	589	6,915	589			6,915	589
1313070	BROKEN RICE, NOT DONATED	LB	50	6,734	430	6,734	430				
1314020	DRM FLR & SEMOLINA,NT DNATED	CWT	135	3	31	321	31				
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	102	10	97	203	20				
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	171	1	8	82	6			1	6
1324020	CORNSTARCH, INCLUDING MILO	LB	104	211	80						
1324040	STARCHES, NSPF	LB	140	94	28	93	26	6	2		
1351800	ASPARAGUS, FRESH OR CHILLED	LB	22	1,852	2,617			2,057	2,608	765	1,111
1352100	BEANS, FRESH OR CHILLED	LB	174	15	6						
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	188	2	2			3	2	2	2
1383000	PEAS, FROZEN	LB	163	85	12	87	12				
1400100	BLK BEANS,X SEEDS,DRIED,ETC	LB	114	183	56	39	11			39	11
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	65	797	210						
1400520	LIMA BEANS,BABY	LB	162	39	12	39	12			39	12
1400700	NAVY/PEA BNS,X SEEDS,DRD,ETC	LB	93	579	124						
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	73	785	179	331	59				
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	44	2,839	586	227	78			228	78
1401800	BEANS,NSPF,EX SEEDS,DRD,ET	LB	28	5,687	1,820	581	178			118	30
1402920	BLACKEYE COW PEAS X SEED,DRY	LB	77	556	160	559	160			556	160
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC	LB	166	44	12	38	8			39	8
1403100	BEANS, SEED	LB	37	3,865	1,259	2,052	1,022			174	82
1403300	PEAS, SEED	LB	41	2,220	743	2,251	743			174	56
1403500	LENTILS,DRIED,ETC	LB	56	1,942	341	1,940	329				
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	141	25	27			3	9	3	9
1405100	GARLIC,DRIED,ETC.,EXC. FLOUR	LB	175	12	6	12	6			12	6
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	78	238	159	259	158			238	158
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	111	45	63	32	51	17	12	29	51
1407100	VEGETABLES REDUCED TO FLOUR	LB	80	196	154	165	99	42	55	153	96
1410500	CORN, CANNED, EXCL. PICKLED	LB	135	60	35	69	35				
1411100	PEAS,EXC COW & CHICKPEAS,CND	LB	176	42	5	42	5				
1412280	TOMATOES, CANNED, NSPF	LB	130	4	4			4	4		
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	105	121	80	139	80			16	7
1417500	VEGETABLES, PREP, PRES, NSPF	LB	56	100	140	164	138	3	2		
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	101	42	100	34	30	8	70		
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	94	220	120	224	120			220	120
1452200	PECANS,NOT SHELLD OR ROASTED	LB	90	154	134	155	134				
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	11	13,479	9,495	13,660	9,495			10,762	7,543
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	124	26	45	27	45			26	45
1453540	NUTS,NSPF,NT SHLD OR ROASTED	LB	187	3	3	4	3				
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	8	8,562	11,793	9,025	11,793			6,635	9,073
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	49	519	432	539	422	5	10	396	306
1456100	ALMONDS, PREPARED, PRESERVED	LB	36	859	1,264	905	1,264			397	610
1457542	MACADAMIA, PREP OR PRESERVED	LB	155	0	3	1	3			0	3
1457547	OTHER NUTS,PREP OR PRESERVED	LB	59	453	290	415	278			248	167
1463500	AVOCADOS, FRESH	LB	122	82	47			88	47	33	24
1465500	STRAWBERRIES, FRESH	LB	157	14	14			15	14	9	9
1466500	BERRIES, FRESH, NSPF	LB	133	53	36			56	36	25	17
1471500	GRAPEFRUIT, FRESH	LB	18	16,692	3,329	17,318	3,329				
1471900	LEMONS, FRESH	LB	186	12	3	13	3				
1473500	CITRUS FRUITS, FRESH, NSPF	LB	153	26	17			29	17	6	12
1481700	CANTALOUPES, FRESH	LB	131	32	4			35	4		
1491700	PRUNES AND PLUMS, FRESH	LB	33	1,714	1,435	1,817	1,425	45	10	1,673	1,425
1497500	BERRIES, FROZEN, NSPF	LB	148	20	21			22	21	20	21

-- ITALY CONTINUED ON NEXT PAGE --

TABLE 7.

1985 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1493520	CHERRIES, SWEET, FROZEN	LB	155	26	15			28	15		
1501200	APPLES, DRIED	LB	132	82	38						
1506500	GRAPES (RAISINS), DRIED	LB	115	66	56	66	56			66	56
1508000	PRUNES, DRIED	LB	7	19,371	13,224	20,045	13,224			17,496	12,590
1508500	FRUITS, DRIED, NSPF	LB	92	35	127	40	127				
1510500	FRUIT IN BRINE, NSPF	LB	143	90	24	114	24				
1513000	BERRIES, PREPARED OR PRES	LB	193	2	2	3	2				
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	126	193	44	198	44				
1518500	FRUIT NSPF, PREP, PRESERVED	LB	103	198	87	240	87			183	79
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	110	239	66	301	66				
1557000	HONEY	LB	165	20	12	22	12				
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	75	81	170	91	167				
1621700	SPICE AND SPICE SEEDS, NSPF	LB	133	0	3			0	3	0	3
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	55	191	317	1,080	317				
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	95	40	118	282	118				
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	121	17	47	48	47				
1654120	LEMON JUICE, CONC, FRZN	SSG	99	44	111	153	111				
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	81	60	151	419	151				
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	112	24	59	188	59				
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	163	6	11	6	11			6	11
1663040	VEGETABLE JUICES, NSPF	GAL	129	15	40	35	32	36	9		
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	134	10	35	47	35				
1673100	STILL WINE NT OV 14% ALCOHOL	WG	85	22	135	98	108			13	80
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	69	43	202	153	192	69	10	32	153
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	156	4	16	9	14				
1751800	FLAXSEED (LINSEED)	LB	134	56	3						
1755120	SUNFLOWER SEED,CONFECTIONERY	LB	58	504	292	122	192				
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	182	6	4						
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	97	260	139						
1775640	TALLOW, INEDIBLE	LB	20	17,161	2,891	17,162	2,891				
1775700	WOOL GREASE	LB	120	39	48						
1777390	OTHER TALLOW, NSPF	LB	154	151	15	12	2				
1783540	COTTONSEED OIL, HYDROGENATED	LB	173	20	6	23	6				
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	169	19	10	20	9	1	2		
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	82	155	149	166	149				
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	57	417	293			8	9		
1825140	SOUPS, N S P F	LB	136	81	32	97	32				
1827000	WILD RICE CRUDE OR PROCESSED	LB	178	3	4	3	4			3	4
1829740	MIXED SEASONINGS	LB	164	9	12	5	8				
1829752	VEGETABLE PROTEIN ISOLATES	LB	67	230	224	179	177				
1829754	VEG PRO CONCENTRATES, ETC	LB	107	160	79						
1829780	EDIBLE PREPARATIONS, NSPF	LB	76	95	162	110	144	14	18	20	26
1841060	BRAN,ETC FRM MLLNG GRN,NSPF	STN	60	5	274	365	9				
1842030	BEET PULP, DRIED	STN	34	16	1,617	31,241	1,617				
1842500	BREWERS' GRAINS, MALT SPROUT	STN	19	25	2,931	50,564	2,931				
1844800	GRAIN HULLS, SCREENINGS, ETC	STN	21	31	2,832	61,057	2,832				
1843005	ALFALFA HAY CUBES	STN	27	15	1,835	29,450	1,835				
1843010	ALFALFA MEAL, SUN CURED	STN	117	1	53	84	14				
1848025	FEATHER MEAL	STN	167	0	12	45	12				
1848032	DOG & CAT FOOD, RETAIL SALE	LB	42	1,555	611	1,111	402			446	169
1848034	PET FOOD NSPF, RETAIL SALE	LB	45	816	585	394	166				
1848035	POULTRY FEEDS, PREPARED	STN	106	0	79	130	45				
1848040	DAIRY CATTLE FEED, PREPARED	STN	84	1	143	330	79				
1848045	LIVESTOCK FEED, PREP, NSPF	STN	10	69	9,674	131,813	9,145				
1848070	CITRUS PULP PELLETS	STN	144	0	24	449	24				
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	24	11	2,143	16,249	1,566	3	23	0	12
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	113	5	58	6	49				
1865700	HAIR AND BRISTLES, NSPF	LB	64	102	230	103	228	1	2		
1911520	BULL SEMEN (BOVINE)		14	0	4,984			23	4,984		3,350
1912520	PANCREAS GLANDS		128	0	42	43	42				
1912570	ANIMAL PRODUCTS, NSPF		38	0	1,230	1,498	1,196	1	22		62
1920600	SEAWEED AND CARRAGEENIN	LB	192	1	2			1	2		
1921120	CUT FLOWERS, FRSH SPRAYS ETC		70	0	201			51	201		198
1921140	FOLIAGE,ORNAMENTAL PURPOSES		85	0	142	16	14	52	127		
1922540	HOPS, OTHER	LB	118	16	52						
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	74	108	172	28	53	12	12	3	29
3001030	COTTON NT CRD OR CPB UN 1 IN	RBA	53	1	377	556	377			0	65
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	1	293	101,228	147,060	101,228			102	37,599
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	6	41	14,913	19,845	14,913			29	10,525
4523400	LEMON OIL	LB	179	0	4	0	4				
4524400	ORANGE OIL	LB	116	26	55	27	45	2	9	17	31
7432500	FLOWERS, CUT NATURAL,DRIED		83	0	143	158	143				
7432900	OTHER DRIED PLANTS, N.S.P.F.		96	0	116	62	54				10
	TOTALS FOR ITALY				$363,389	1,476,190	$320,653	5,428	$19,640		$102,382

JAPAN COUNTRY RANK 1

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK,EGG	NO	127	314	2,190			39	2,190		
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	126	883	2,190	614	214	40	1,976		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	338	24	20			2	20		
1000260	TURKEYS, LIVE, DOWNY STAGE	NO	343	43	16	48	16				
1000280	DUCKS, GEESE, GUINEAS, DOWNY	NO	317	43	45	42	43	0	2		
1001000	CHICKENS, DUCKS, ETC. NSPF	NO	261	89	195	63	70	43	125	23	75
1004120	CATTLE,BEEF,BREEDING,MALE	NO	266	0	179			49	179		
1004140	CATTLE,BEEF,BREEDING,FEMALE	NO	203	0	624			319	624	C	315
1004160	CATTLE,DAIRY,BREEDING,MALE	NC	105	1	2,839			500	2,839		
1004180	CATTLE,DAIRY,BREEDING,FEMALE	NO	106	2	2,772			1,369	2,772	0	1,319
1004190	CATTLE,LIVE,NOT FOR BREEDING	NO	75	7	4,973	1,842	1,627	3,251	3,221	1	789
1007100	HORSES FOR BREEDING	NO	33	1	15,151			1,132	15,151	0	35
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	26	0	23,434			211	23,434	0	15,693

-- JAPAN CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED 3 NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1008200	SHEEP, LIVE	NO	363	0	5			12	5	0	5
1008300	SWINE, LIVE	NO	161	1	1,113			115	1,113	0	506
1009620	ANIMALS,LIVE,NSPF FOR FOOD	NO	332	2	26			2	26	0	2
1009640	LIVE ANIMALS, NSPF		70	0	5,968	33	43	326	5,825		1,393
1054120	CHICKENS,YOUNG,WHOLE,FRESH	LB	23	50,911	28,319	52,177	28,319			41,731	22,598
1054140	CHICKENS,EX YOUNG, WHOLE	LB	147	2,556	1,502	2,870	1,497	5	5	2,554	1,372
1054160	CHICKEN PIECES,FRESH, ETC.	LB	9	201,627	108,432	203,767	108,418	9	14	139,035	79,188
1055120	TURKEYS,WHOLE,FRESH,ETC	LB	209	711	591	718	578	12	13	483	376
1055140	TURKEY PIECES,FRESH, ETC	LB	133	2,308	1,898	2,361	1,891	4	8	2,194	1,823
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	117	3,487	2,363	3,523	2,346	10	17	2,672	1,477
1057100	POULTRY LIVERS,FRESH, ETC	LB	354	51	12	49	10	1	2		
1058100	BIRD MEAT, CANNED	LB	328	26	32	44	32			25	30
1058300	BIRD MEAT,PREP,EX CANNED	LB	91	2,396	3,620	2,522	3,585	11	35	2,256	3,481
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	17	20,736	41,625	9,818	19,936	10,259	20,173	11,419	24,206
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	2	326,084	765,503	332,951	751,744	5,648	13,759	264,937	622,687
1061080	VEAL,CRCSS,FRESH,CHILLED,ETC	LB	79	2,257	4,490	2,377	4,488	1	2	1,481	3,153
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	183	227	791	167	545	71	246	148	516
1065100	HORSEMEAT,CRCSS,FRESH,ETC	LB	87	4,660	3,866	3,533	2,668	806	976	2,247	2,090
1065200	MEAT,CRCSS,NSPF,FRESH,ETC	LB	136	1,517	1,799	1,446	1,531	176	268	1,328	1,496
1068200	BEEF TONGUES, FRESH, ETC	LB	16	28,095	47,812	28,845	47,260	356	552	20,690	35,638
1068400	BEEF LIVER, FRESH, ETC	LB	56	18,191	7,698	15,493	6,767	846	931	9,292	3,888
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	6	101,989	120,675	97,869	109,976	7,717	10,650	81,170	98,943
1068800	VEAL OFFAL,FRESH,CHILLED,ETC	LB	218	308	512	297	488	22	24	232	438
1069000	LAMB OFFAL,FRESH,CHILLED,ETC	LB	283	64	126	29	46	36	80	38	81
1069600	MEAT OFFAL,NSPF,FRESH,ETC	LB	113	1,062	2,468	654	1,386	437	1,082	935	2,293
1070100	SAUSAGES,ETC,CANNED	LB	179	564	835	608	811	26	24	512	753
1070200	SAUSAGES,ETC, EXC CANNED	LB	69	4,416	5,883	4,617	5,566	129	317	4,095	5,311
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	30	6,535	17,543	5,424	13,243	1,283	4,300	4,652	12,182
1073840	VEAL,EX CRCSS,FRESH,ETC	LB	276	30	163	24	108	7	55	26	138
1074200	BEEF AND VEAL, CANNED	LB	231	317	408	332	368	43	40	309	403
1074600	BEEF & VEAL,EX SAUSAGE,NSPF	LB	47	3,593	10,997	3,361	8,225	523	2,772	3,067	9,645
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	166	841	1,059	381	510	503	549	441	622
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	150	973	1,453	1,135	1,453			862	1,282
1076600	MT & EDBL OFFL,PREP EX CANND	LB	199	379	633	318	472	112	161	271	487
1078000	MEAT EXTRACT,INCLUDING FLUID	LB	86	2,052	3,896	2,319	3,779	23	114	313	878
1153500	MILK & CRM,SWT(CONDNSD) CNND	LB	326	35	34	40	34			35	34
1154000	MLK & CRM,CNDNS/EVAP,NT CNND	LB	369	14	3	20	3			14	3
1155020	NONFAT DRY MILK, DONATED	LB	327	39	33	39	33				
1155040	NONFAT DRY MILK,NOT DONATED	LB	334	80	23	82	23			80	23
1155700	DRIED MILK AND CREAM, NSPF	LB	196	790	655	821	655			292	257
1160100	BUTTER	LB	366	4	3	4	3			4	3
1163000	MARGARINE,INCLDNG OLEO	LB	256	408	207	454	207			230	92
1171700	CHEDDAR CHEESE	LB	239	248	349	253	336	11	13	177	273
1178200	AMER TYPE CHEESE,EX CHEDDAR	LB	103	986	2,910	1,006	2,908	1	2	131	189
1178600	CHEESES, NSPF	LB	98	1,273	3,056	1,316	3,033	21	24	560	927
1180000	WHEY, FLUID	GAL	307	30	60	69	60			30	60
1180500	WHEY, DRIED	LB	39	51,049	13,588	53,809	13,483	22	16	30,684	8,662
1181000	YOGURT, OTHER FERMENTD MILK	LB	359	29	9	31	9			29	9
1181200	INFNTS DIET SUPP,DRY MILK	LB	361	8	5			11	5	8	5
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	217	385	517	461	507	11	10	385	517
1182500	ICE CREAM	GAL	305	35	69	74	67	1	2	21	42
1186000	MILK PRODUCTS, NSPF		148	0	1,473	544	1,471	2	2		496
1195100	SHELL EGGS FOR HATCHING	DOZ	255	331	208	49	24	55	185	27	24
1195300	EGGS IN THE SHELL, NSPF	DOZ	275	190	164	172	64	22	100	76	50
1196520	EGG ALBUMEN(WHITES),DRIED	LB	44	6,246	11,282	6,502	11,247	24	35	3,230	5,937
1196540	WHL EGGS,OR YLKS,N/SHLL,DRD	LB	72	4,443	5,325	4,560	5,308	14	16	2,238	3,173
1197020	EGG ALBUMEN(WHITES),EX DRIED	LB	85	7,427	4,070	7,811	4,070			1,806	719
1197040	WHL EGG OR YLK,N/SHLL,EX DRD	LB	53	15,188	8,496	15,760	8,472			11,648	6,587
1201400	CATTLE HIDES, WHOLE	PC	5	7,005	415,598	405,736	413,989	12	8	4,774	289,289
1201720	WHOLE CALF SKINS	PC	27	1,058	20,554	8,896	20,496			782	14,154
1201740	WHOLE KIP SKINS	PC	32	692	15,264	8,359	14,877			479	9,705
1201755	CATTLE HIDE CROUPONS ETC	PC	93	128	3,430	2,421	3,263	5	167	95	2,609
1201765	BOVINE HIDES,EXC WHOLE,NSPF	LB	163	4,513	1,096	4,648	1,022	392	74	4,099	935
1202022	SHEEP SKNS ETC W/WL ON SKN	PC	115	314	2,425	878	1,201	255	1,224	154	1,218
1202044	EQUINE HIDES	LB	90	11,508	3,637	12,618	3,606			7,994	2,096
1202092	PIG AND HOG SKINS	NO	299	30	79	96	57			21	57
1202095	OTHER HIDES AND SKINS,NSPF	NO	123	0	2,248	1,138	2,010	6	216		1,329
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	206	53	622	306	615	1	6	10	105
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		249	0	265	14	35	57	230		189
1255200	FRUIT AND NUT PLANTS, ETC		340	0	13	20	10	1	8		10
1256500	ROSE PLANTS		346	0	14			4	14		12
1258100	LIVE PLANTS, NSPF		192	0	665	49	17	57	649		286
1260120	ALFALFA SEED, UNCERTIFIED	LB	337	17	20	18	20			17	20
1260140	ALFALFA SEED, CERTIFIED	LB	273	124	169	121	164	4	5	122	164
1260300	SUGAR BEET SEED	LB	226	143	414	113	211	55	203		
1261700	SEED, CARROT	LB	210	152	564	128	503	39	58	55	204
1263120	LADINO CLOVER SEED	LB	264	109	188	110	188			72	142
1263200	CLOVER SEED, NSPF	LB	291	95	111	96	111				
1264100	FLOWER SEED	LB	237	78	373	76	150	7	196	60	315
1265700	MILLET	LB	282	1,612	132	1,613	132			243	36
1266100	ONION SEED	LB	321	5	42	4	28	1	14	3	26
1267300	RADISH SEED	LB	71	4,557	5,493	4,620	5,363	116	130	88	152
1268100	SPINACH SEED	LB	99	2,417	3,004	2,402	2,858	82	146	72	132
1268700	TREE AND SHRUB SEEDS	LB	347	1	14			1	14	0	6
1271220	SUDAN GRASS SEED	LB	222	1,705	459	1,724	459			1,626	433
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	54	7,087	8,397	7,007	8,235	125	162	1,701	1,855
1271510	CANTALOPE SEED	LB	285	24	122	28	122			24	122
1271515	CUCUMBER SEED	LB	258	65	206	75	206			22	96
1271530	LETTUCE SEED	LB	309	13	58	14	51	2	7	10	39
1271545	SQUASH SEED	LB	356	47	10	47	10			47	10
1271560	TOMATO SEED	LB	348	0	13			0	13	0	13
1271570	WATERMELON SEED	LB	310	22	55	25	53	1	2	22	55
1271580	VEGETABLE SEEDS, NSPF	LB	77	1,858	4,812	1,727	3,740	223	1,072	711	2,776
1271590	SEEDS, NSPF	LB	124	1,087	2,247	1,086	2,033	25	214	695	1,835

-- JAPAN CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1301040	BARLEY, OTHER THAN MALTING	BU	36	4,916	14,430	235,992	14,430				
1301700	BUCKWHEAT AND CANARY SEED	LB	61	51,901	7,083	46,186	6,389			109	11
1303420	SWEET CORN SEED, NOT DONATED	LB	66	3,057	6,168	2,963	6,010	147	158	640	763
1303440	CORN SEED,EXC SWT,NT DONATED	LB	90	2,916	4,430	2,955	4,427	4	2	2,548	4,071
1303465	YELLOW CORN, NOT DONATED	BU	1	569,590	1,598,715	31,912,980	1,598,715			27	58
1303475	CORN, NSPF, NOT DONATED	BU	122	807	2,259	45,155	2,259			1	5
1304020	GRAIN SORGHUM SEED	LB	211	1,584	555	1,595	555			1,584	555
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	6	83,474	217,903	4,674,570	217,903				
1304500	OATS	BU	247	155	277	4,948	277			77	79
1305520	RICE,HUSKED,BROWN,LONG GRAIN	LB	353	45	12	46	12			45	12
1306000	RYE	BU	118	777	2,332	43,495	2,332			5	36
1306540	WHEAT,UNMILLED,NOT DONATED	BU	4	107,321	425,510	6,439,312	425,510			7	16
1313015	LG GR PRBL MD RICE,NT RELIEF	LB	345	62	15	63	15				
1313025	MD RICE NSPF PRBL, NT RELIEF	LB	357	40	9	40	9			40	9
1313030	MD RICE,LG GRN,X PRBL,NT DON	LB	311	169	53	170	53			157	39
1313040	MD RICE,MD GRN,X PRBL,NT DON	LB	335	99	21	100	21			98	21
1313050	MD RICE,SH GRN,X PRBL,NT DON	LB	331	140	28	142	28			140	28
1313060	MD RICE,MX GRN,X PRBL,NT DON	LB	298	599	88	601	88			599	88
1314020	DRM FLR & SEMOLINA,NT DNATED	CWT	269	15	176	1,567	176			13	167
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	131	382	2,022	39,230	2,022			2	54
1314090	WHEAT,MILLED,NSPF	CWT	341	5	18	467	18			0	2
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	254	13	210	1,296	205	26	5	10	153
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	142	204	1,628	20,272	1,620	41	8	201	1,609
1321700	MALTS	LB	54	31,426	4,073	33,802	4,062	75	11	2,312	565
1322700	MALT EXTRACT	LB	371	13	2	15	2			13	2
1324020	CORNSTARCH, INCLUDING MILO	LB	89	5,897	3,729	6,008	3,715	14	14	3,670	1,666
1324040	STARCHES, NSPF	LB	129	7,200	2,113	8,186	2,106	19	7	2,852	306
1351800	ASPARAGUS, FRESH OR CHILLED	LB	29	12,872	18,213	2,744	3,117	12,034	15,063	12,710	17,966
1352100	BEANS, FRESH OR CHILLED	LB	315	199	48	197	42	6	7	75	33
1352300	BROCCOLI, FRESH OR CHILLED	LB	152	3,534	1,388	3,696	1,389			3,534	1,388
1352500	BRUSSEL SPROUTS,FRH OR CHLD	LB	364	9	4	10	4			9	4
1352700	CABBAGE, FRESH OR CHILLED	LB	344	125	16	131	16			125	16
1352900	CARROTS, FRESH OR CHILLED	LB	295	380	100	389	100			168	65
1353100	CAULIFLOWER,FRESH OR CHILLED	LB	329	109	32	130	32			109	32
1353300	CELERY, FRESH OR CHILLED	LB	252	1,247	231	1,294	231			1,247	231
1353500	DASHEENS,ETC.,FRH OR CHILLED	LB	270	842	173	214	57	677	116	842	173
1353700	SWEET CORN, FRESH OR CHILLED	LB	177	2,570	838	2,646	835	13	3	53	20
1353900	CUCUMBERS, FRESH OR CHILLED	LB	333	90	24	82	22	13	2	90	24
1354000	GARLIC, FRESH OR CHILLED	LB	265	338	184	327	139	22	45	160	95
1354300	LETTUCE, FRESH OR CHILLED	LB	262	819	195	157	56	722	139	818	195
1354500	ONIONS,FRSH OR CHLLD,EX SETS	LB	48	89,926	10,944	91,172	10,920	171	24	15,361	2,103
1354700	PEPPERS, FRESH OR CHILLED	LB	368	3	3	3	3			3	3
1355300	TOMATOES, FRESH OR CHILLED	LB	279	516	138	516	138			516	138
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	74	15,435	5,015	16,512	4,954	45	60	14,871	4,829
1381000	CARROTS, FROZEN	LB	125	10,535	2,214	10,871	2,193			1,479	495
1382000	CORN, SWEET, FROZEN	LB	24	73,970	27,061	76,266	26,945	24	11	913	361
1383000	PEAS, FROZEN	LB	62	22,921	6,918	24,119	6,918			3,182	1,014
1387000	VEGETABLES, NSPF, FROZEN	LB	35	39,410	14,527	41,576	14,127	42	45	3,931	1,789
1400100	BLK BEANS,X SEEDS,DRIED,ETC	LB	352	45	12	45	12			45	12
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	97	16,425	3,119	16,541	3,119			156	44
1400520	LIMA BEANS,BABY	LB	42	41,391	11,836	42,102	11,836			40,965	11,675
1400540	LIMA BEANS,OTHER THAN BABY	LB	234	1,527	383	1,531	383			1,405	254
1400700	NAVY/PEA BNS,X SEEDS,DRD,ETC	LB	306	407	69						
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	349	157	13	157	13				
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	213	3,124	544	3,148	544			1,166	218
1401500	WHT BNS,NSPF,X SEEDS,DRD,ETC	LB	244	1,901	306	1,912	306			429	111
1401800	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	184	5,765	778	5,755	763	11	8	1,911	331
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC	LB	319	314	43	323	43			35	8
1403100	BEANS, SEED	LB	221	634	465	625	459	14	6	204	177
1403300	PEAS, SEED	LB	318	86	44	87	44			12	7
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	370	1	3	1	3			1	3
1405100	GARLIC,DRIED,ETC.,EXC. FLOUR	LB	242	261	320	262	315	11	5	261	320
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	60	12,405	7,097	13,039	7,097			5,201	5,468
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	49	36,729	10,133	38,191	10,128	14	5	1,078	300
1405640	POTATO GRANULES DRY EX FLOUR	LB	173	2,510	919	2,548	919				
1405660	POTATOES,NSPF,DRD,ETC,X FLR	LB	195	1,690	656	1,750	656			170	43
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	190	307	826	335	826			306	813
1407100	VEGETABLES REDUCED TO FLOUR	LB	101	2,152	2,951	2,333	2,941	1	10	947	1,039
1410100	ASPARAGUS,CND,EXCL. PICKLED	LB	243	407	311	440	298	25	13	329	278
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	259	566	201	722	201			566	201
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	303	175	74	202	74			128	58
1410500	CORN, CANNED, EXCL. PICKLED	LB	18	103,189	38,801	121,057	38,763	108	38	25,470	9,741
1411100	PEAS,EXC COW & CHICKPEAS,CND	LB	355	31	10	39	10			31	10
1412220	TOMATO PULP (PUREE), CANNED	LB	165	2,565	1,064	3,035	1,064			2,543	1,041
1412240	TMTO SC, EX CTSP & CHILI SC	LB	149	3,957	1,469	4,279	1,446	24	23	3,463	1,267
1412260	TOMATO PASTE, CANNED	LB	157	2,888	1,292	3,017	1,292			2,888	1,292
1412280	TOMATOES, CANNED, NSPF	LB	228	1,418	411	1,631	411			1,418	411
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	201	1,381	630	1,586	595	59	36	929	482
1414200	VEGETABLE BABY FOOD, CANNED	LB	257	322	206	414	194	48	13	284	196
1415200	CUCUMBERS,PICKLED,W/NOT,CND	LB	172	5,103	930	7,643	930			4,492	841
1415700	VEGETABLES,EX CUCUMBERS,PKLD	LB	284	352	124	391	124			73	30
1417500	VEGETABLES, PREP, PRES, NSPF	LB	277	273	160	307	160			178	112
1441000	MUSHROOMS, FRESH	LB	141	364	1,658			404	1,658	68	280
1442500	MUSHROOMS, CANNED	LB	350	658	13	791	13			658	13
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	205	228	623	207	223	44	400	37	129
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	96	2,600	3,188	2,699	3,188			2,538	3,114
1452200	PECANS,NOT SHELLD OR ROASTED	LB	336	20	20	21	20			20	20
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	114	2,283	2,429	2,379	2,429			2,283	2,429
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	139	818	1,665	896	1,647	8	17	815	1,657
1453540	NUTS,NSPF,NT SHLD OR ROASTED	LB	121	1,221	2,299	1,286	2,261	17	38	1,182	2,190
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	14	36,977	55,085	38,856	55,085			36,973	55,081
1454900	PECANS,SHELLED,NOT BLANCHED	LB	230	290	409	317	409			290	409
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	82	2,774	4,244	2,963	4,244			2,774	4,244
1455720	PISTACHIOS, SHELLED	LB	170	436	946	471	941	2	4	436	946

-- JAPAN CONTINUED ON NEXT PAGE --

TABLE 7.

1985 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	214	664	528	654	528			58	191
1456100	ALMONDS, PREPARED, PRESERVED	LB	25	14,607	24,204	15,942	24,183	11	20	14,574	24,148
1457520	PISTACHIOS, PREP OR PRESRVD	LB	225	173	415	185	413	1	3	173	415
1457542	MACADAMIA, PREP OR PRESERVED	LB	94	489	3,345	826	3,268	14	77	391	2,680
1457545	CASHEWS, PREP OR PRESERVED	LB	308	25	60	25	60			25	60
1457547	OTHER NUTS,PREP OR PRESERVED	LB	198	449	653	518	628	14	25	398	613
1459000	MIXTURES OF EDIBLE NUTS	LB	146	992	1,511	1,316	1,508	3	3	427	762
1461000	APPLES, FRESH	LB	290	368	112	337	103			23	5
1463500	AVOCADOS, FRESH	LB	78	6,142	4,533	6,665	4,488	51	45	5,882	4,370
1465500	STRAWBERRIES, FRESH	LB	33	6,672	13,623	136	73	7,021	13,549	6,580	13,556
1466500	BERRIES, FRESH, NSPF	LB	289	132	112	119	73	24	39	66	69
1468520	CHERRIES, SWEET, FRESH	LB	19	30,752	38,748	1,275	1,180	30,297	36,430	19,563	27,566
1471500	GRAPEFRUIT, FRESH	LB	7	516,353	122,154	533,014	121,992	346	162	134,277	31,734
1471900	LEMONS, FRESH	LB	11	259,788	87,696	272,945	87,696			255,964	86,761
1472200	LIMES, FRESH	LB	250	494	238	528	232	8	6	494	238
1473120	TANGERINES, FRESH	LB	324	147	38			156	38	147	38
1473130	TEMPLE ORANGES, FRESH	LB	268	715	176	766	176			715	176
1473140	ORANGES, FRESH, NSPF	LB	13	249,994	72,862	262,938	72,704	171	158	245,691	71,867
1473500	CITRUS FRUITS, FRESH, NSPF	LB	246	982	286	970	266	64	20	282	127
1476500	GRAPES, FRESH	LB	59	12,811	7,223	13,524	6,552	833	671	10,844	6,599
1481700	CANTALOUPES, FRESH	LB	278	492	149	448	112	71	37	492	149
1482000	WATERMELON, FRESH	LB	312	352	52	238	42	117	10	352	52
1482700	MELONS, FRESH, NSPF	LB	52	33,265	9,276	35,004	9,056	573	219	32,910	9,043
1487500	PEACHES & NECTARINES, FRESH	LB	109	4,238	2,559	4,330	2,066	807	493	4,235	2,556
1488500	PEARS, FRESH	LB	362	22	5			23	5	22	5
1491700	PRUNES AND PLUMS, FRESH	LB	159	2,034	1,170	1,695	1,045	445	125	1,872	1,075
1493050	KIWIFRUIT, FRESH	LB	64	8,065	6,683	9,123	6,683			7,953	6,644
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	100	2,979	2,955	1,748	998	1,513	1,957	2,969	2,953
1497000	STRAWBERRIES, FROZEN	LB	63	12,822	6,707	13,552	6,593	89	113	8,733	4,194
1497500	BERRIES, FROZEN, NSPF	LB	233	567	393	586	372	11	21	150	89
1498520	CHERRIES, SWEET, FROZEN	LB	232	514	397	514	331	31	66	76	114
1499000	FRUITS, FROZEN, NSPF	LB	135	3,313	1,826	3,467	1,756	113	71	2,167	1,094
1501200	APPLES, DRIED	LB	316	45	46	39	41	9	5	7	9
1502200	APRICOTS PEACHES PEARS DRIED	LB	154	450	1,352	478	1,352			450	1,352
1504500	DATES, DRIED	LB	342	16	16	17	16			16	16
1505200	FIGS, DRIED	LB	286	60	120	63	120			60	120
1506500	GRAPES (RAISINS), DRIED	LB	20	54,936	34,739	57,780	34,735	3	4	54,935	34,737
1508000	PRUNES, DRIED	LB	40	21,247	13,533	22,356	13,524	14	9	21,120	13,472
1508500	FRUITS, DRIED, NSPF	LB	267	96	177	87	159	15	18	77	115
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	300	133	79	141	79			133	79
1510500	FRUIT IN BRINE, NSPF	LB	227	652	412	699	412			163	64
1511000	APRICOTS, PREP OR PRESERVED	LB	235	543	383	627	379	11	4	543	383
1512000	MARASCHINO CHERRIES, PREP	LB	223	469	448	523	433	20	15	156	145
1512520	CHERRIES, SWEET, NSPF, PREP	LB	162	1,340	1,109	1,367	961	205	148	142	124
1513000	BERRIES, PREPARED OR PRES	LB	164	1,074	1,066	1,245	1,066			225	189
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	240	519	332	633	332			182	75
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	200	809	633	841	633			296	262
1515000	OLIVES, CANNED	LB	167	1,258	1,047	1,312	1,032	21	15	1,258	1,047
1515500	OLIVES, PREP OR PRES, NSPF	LB	365	5	3	11	3				
1516000	PEACHES AND NECTARINES, PREP	LB	55	19,152	8,289	22,589	8,279	25	11	19,078	6,264
1517000	PEARS, PREPARED OR PRESERVED	LB	272	293	169	350	169			193	112
1518500	FRUIT NSPF, PREP, PRESERVED	LB	216	771	523	861	519	4	4	611	432
1519500	FRUIT MIXTURES, NSPF, PREP	LB	58	16,743	7,249	17,586	7,244	11	5	14,202	6,985
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	212	1,626	546	1,872	544	1	2	1,591	494
1525500	FRUIT BABY FOOD, CANNED	LB	292	380	109	678	109			380	109
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	138	2,695	1,676	2,884	1,673	8	3	1,234	382
1533000	JAMS, JELLIES MARMALADES ETC	LB	119	2,739	2,314	3,170	2,298	14	16	2,240	1,847
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	187	328	730	309	528	70	203	208	177
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	360	18	7	20	7			18	7
1552045	RAW SUGAR, BEET OR CANE	STN	339	0	19			172	19		
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	182	1,553	795	18,151	795			47	35
1557000	HONEY	LB	194	757	659	954	619	65	40	699	619
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	314	43	51	45	49	13	2	31	49
1604500	COFFEE SUBSTITUTES & MIXTURE	LB	260	119	195	126	195			119	195
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	297	161	89	205	87	3	2	154	85
1618100	RED PEPPER	LB	301	141	76	155	76			141	76
1621700	SPICE AND SPICE SEEDS, NSPF	LB	176	411	846	412	767	46	79	393	812
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	156	718	1,324	4,816	1,321	10	3	237	553
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	108	1,349	2,750	12,569	2,747	10	3	245	453
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	215	176	524	1,570	522	2	2	145	465
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	288	63	115	535	112	10	3	22	59
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	76	2,423	4,815	14,934	4,803	52	11	677	1,396
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	28	10,053	19,626	18,379	19,626			711	1,475
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	181	405	808	830	808			16	44
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	253	114	229	289	229			79	149
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	67	3,347	6,062	6,305	5,989	45	73	615	1,060
1654120	LEMON JUICE, CONC, FRZN	SSG	132	1,433	1,930	2,936	1,927	2	4	1,273	1,645
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	229	404	411	520	407	3	4	165	107
1655400	GRAPE JUICE CONCENTRATED FRZ	SSG	81	2,582	4,319	4,874	4,303	11	17	133	373
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	128	972	2,150	2,278	2,105	71	45	266	569
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	144	778	1,601	3,631	1,599	2	2	95	71
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	224	232	433	634	427	4	6	217	394
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	304	128	70	252	70			128	70
1658000	GRAPE JUICE CONCNTRTD NOT FZ	SSG	41	5,608	11,913	11,243	11,637	231	276	538	918
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	88	2,484	3,834	5,522	3,814	12	20	1,217	1,406
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	168	353	1,014	2,806	1,014			210	621
1663040	VEGETABLE JUICES, NSPF	GAL	248	280	266	536	238	210	28	164	178
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	68	2,689	5,972	20,877	5,948	40	24	1,473	2,521
1673100	STILL WINE NT OV 14% ALCOHOL	WG	31	2,530	16,394	27,606	16,160	114	228	2,370	15,264
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	83	773	4,086	7,218	3,919	390	167	730	3,890
1675120	CIDER	GAL	323	9	40	107	40			6	24
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	111	656	2,537	6,563	2,529	73	8	429	2,019
1683000	BRANDY	PFG	287	13	117	188	117			5	49
1751500	COTTONSEED	LB	189	9,435	725	9,447	725			9,302	717

-- JAPAN CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1755120	SUNFLOWER SEED,CONFECTIONERY	LB	293	312	106	313	106				
1756020	SAFFLOWER SEED	LB	57	70,205	7,605	69,366	7,677			69,351	7,677
1759040	OIL-BEARING NUTS, SEEDS NSPF	LB	95	23,701	3,292	18,345	2,316	3	2	580	315
1761820	COTTONSEED OIL, CRUDE	LB	239	1,764	356	1,764	356			1,764	356
1761840	COTTONSEED OIL, ONCE-REFINED	LB	45	44,197	11,072	44,230	11,072			44,197	11,072
1761860	COTTONSEED SALAD OIL NT/RELF	LB	236	1,464	378	1,464	378			1,464	378
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	178	1,427	833	1,661	320	45	18	230	169
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	50	25,903	10,083	24,962	9,102			23,902	9,102
1769160	JOJOBA OIL, UNMIXED	LB	171	119	937	159	937			119	937
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	102	2,832	2,916	1,723	2,145	279	162	1,481	2,138
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	263	1,131	189	1,133	189			1,102	183
1775620	TALLOW, EDIBLE	LB	185	3,728	726	3,734	726			2,189	431
1775640	TALLOW, INEDIBLE	LB	34	87,076	15,143	87,026	15,128	93	15	29,613	5,164
1775900	WOOL GREASE	LB	322	35	60	37	37	2	4	31	29
1777390	OTHER TALLOW, NSPF	LB	251	419	233	393	221	49	12	377	200
1781140	VEG SALAD OIL, NOT RELIEF	LB	330	69	29	21	16	56	13	18	16
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	207	1,142	614	1,237	605	4	9	462	255
1786000	SALAD & COOKING OIL, MIXTURE	LB	302	179	76	201	76			60	27
1787020	BAKING FATS, MIX OF VEG OILS	LB	220	687	492	747	492			361	310
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	155	1,175	1,332	1,256	1,305	23	28	45	21
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	232	1,130	628	1,173	612	14	16	1,129	627
1821200	BALLS,ETC,VEG A/OR MT OR FSH	LB	281	95	137	118	120	1	16	90	123
1823120	OATMEAL,ETC,ROLLED,FLKD,ETC	LB	353	26	9			54	9		
1824420	CATSUP AND CHILI SAUCE	LB	116	6,713	2,394	7,978	2,394			6,643	2,376
1825120	SOUPS,DRIED OR DEHYDRATED	LB	193	378	662	465	662			180	297
1825140	SOUPS, N S P F	LB	92	3,189	3,480	9,843	3,476	1	2	7,817	3,255
1825600	VINEGAR	GAL	296	85	90	430	88	45	3	81	83
1829420	POTATO CHIPS AND STICKS	LB	169	1,233	969	1,498	964	3	5	371	377
1829740	MIXED SEASONINGS	LB	204	456	624	456	444	44	180	415	426
1829742	VEG FLOURS & GRITS, DEFATTED	LB	104	14,069	2,848	15,404	2,848			183	64
1829752	VEGETABLE PROTEIN ISOLATES	LB	46	10,671	11,037	11,085	11,029	7	8	9,503	9,734
1829754	VEG PRO CONCENTRATES, ETC	LB	145	1,483	1,552	1,420	1,496	115	55	1,084	1,285
1829760	EDIBLE PREP, NSPF, CANNED	LB	175	991	856	1,121	834	7	22	874	711
1829770	EDIBLE PREP, NSPF, FROZEN	LB	137	1,080	1,698	1,066	1,661	29	38	949	1,534
1829780	EDIBLE PREPARATIONS, NSPF	LB	43	12,780	11,662	14,815	11,331	170	330	6,897	7,846
1841020	WHEAT BY-PRODCTS,ANIMAL FEED	STN	203	7	600	14,713	600			7	598
1841040	RICE BY-PRODUCTS,ANIMAL FEED	STN	190	10	684	20,180	684			10	671
1841060	BRAN,ETC FRM MLLNG GRN,NSPF	STN	191	7	681	13,136	681			7	681
1842000	BEET PULP, DRIED	STN	15	419	48,644	839,402	48,644			38	5,069
1843000	HAY AND STRAW	STN	12	657	80,440	1,328,866	79,917			396	47,965
1844800	GRAIN HULLS, SCREENINGS, ETC	STN	367	0	3	90	3			0	3
1845600	MEAT MEAL & TANKAGE,INEDIBLE	STN	134	7	1,888	13,583	1,888			1	318
1846540	MEAT & OFFAL, INEDIBLE, NSPF	LB	296	526	104	530	104				
1848005	ALFALFA HAY CUBES	STN	10	597	99,930	1,407,295	89,930			470	62,367
1848015	ALFALFA MEAL, DEHYDRATED	STN	320	1	42	2,031	42			1	42
1848025	FEATHER MEAL	STN	151	6	1,390	12,169	1,390			3	361
1848032	DOG & CAT FOOD, RETAIL SALE	LB	22	53,007	29,068	57,100	23,886	301	182	40,523	23,614
1848034	PET FOOD NSPF, RETAIL SALE	LB	107	6,909	2,769	7,046	2,721	34	49	4,340	1,942
1848035	POULTRY FEEDS, PREPARED	STN	143	4	1,605	8,078	1,605			2	415
1848040	DAIRY CATTLE FEED, PREPARED	STN	186	4	757	7,264	755	6	2	3	424
1848045	LIVESTOCK FEED, PREP, NSPF	STN	130	4	2,094	6,920	1,961			2	1,473
1848050	OTHER ANIMIAL FEEDS, NSPF	STN	51	51	9,633	103,891	9,624	3	10	15	2,364
1850500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	73	365	5,227	368	5,070	12	157	261	4,057
1865700	HAIR AND BRISTLES, NSPF	LB	271	146	170	146	167	2	3	109	136
1911520	BULL SEMEN (BOVINE)		160	0	1,158			9	1,158		731
1912520	PANCREAS GLANDS		351	0	12	8	10	0	2		10
1912540	HOOVES, ANTLERS, NAILS, CLAWS		313	0	52			9	52		50
1912550	ANIMAL PRODUCTS, CATTLE EMB		325	0	35			0	35	0	14
1912570	ANIMAL PRODUCTS, NSPF		112	0	2,505	406	395	153	2,109		1,747
1920600	SEAWEED AND CARRAGEENIN	LB	120	666	2,300	699	2,287	3	13	36	56
1921120	CUT FLOWERS, FRSH SPRAYS ETC		158	0	1,256	23	18	356	1,238		613
1921140	FOLIAGE,ORNAMENTAL PURPOSES		110	0	2,546	659	794	969	1,752		331
1922520	HOP PELLETS	LB	174	475	883	514	883				
1922540	HOPS, OTHER	LB	241	176	323	192	323				
1923200	HOP EXTRACT AND LUPULIN	LB	274	95	167	90	141	5	26	5	26
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	230	21	138	21	138			0	2
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	219	866	508	891	465	15	43	525	144
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	21	97	30,427	49,128	30,427			81	25,603
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	3	1,167	427,511	599,020	427,385			976	363,048
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	37	36	13,818	15,951	13,818			35	13,657
3003011	COTTON FELTING LINTER 1 TO 7	LB	197	3,737	655	3,747	655			3,737	655
3003021	COTTON LINTERS, OTHER	LB	65	41,525	6,195	42,515	6,195			41,525	6,195
4523400	LEMON OIL	LB	153	276	1,365	307	1,355	1	10	159	966
4524400	ORANGE OIL	LB	140	1,588	1,660	1,638	1,592	53	68	356	471
7482500	FLOWERS, CUT NATURAL,DRIED		185	0	770	273	646	18	124		277
7482900	OTHER DRIED PLANTS, N.S.P.F.		245	0	286	537	261	24	26		198
	TOTALS FOR JAPAN				$5,784,903	51,866,696	$5,571,012	100,887	$203,803		$2,509,483
	MEXICO COUNTRY RANK 4										
1000210	CHICKENS, BREEDER STOCK,EGG	NO	84	622	1,442			3	427		
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	78	581	1,852			2	122		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	108	832	905			12	256	10	6
1000260	TURKEYS, LIVE, DOWNY STAGE	NO	223	105	113			28	17		
1000280	DUCKS, GEESE, GUINEAS, DOWNY	NO	304	47	26						
1001000	CHICKENS, DUCKS, ETC. NSPF	NO	209	183	136			4	22	7	15
1004120	CATTLE,BEEF,BREEDING,MALE	NO	13	19	19,574					0	311
1004140	CATTLE,BEEF,BREEDING,FEMALE	NO	21	8	7,715					0	185
1004160	CATTLE,DAIRY,BREEDING,MALE	NO	56	2	2,930					0	41
1004180	CATTLE,DAIRY,BREEDING,FEMALE	NO	15	15	14,854					1	1,568

-- MEXICO CONTINUED ON NEXT PAGE --

TABLE 7.

1968 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1004190	CATTLE,LIVE,NOT FOR BREEDING	NO	6	213	95,537					30	12,912
1007100	HORSES FOR BREEDING	NO	79	1	1,827			10	50	0	25
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	116	2	731					0	16
1008200	SHEEP, LIVE	NO	32	139	5,588						
1008300	SWINE, LIVE	NO	15	54	11,489						
1009620	ANIMALS,LIVE,NSPF FOR FOOD	NO	11	1,620	27,825					1	10
1009640	LIVE ANIMALS, NSPF		36	0	6,840			5	34		10
1054120	CHICKENS,YOUNG,WHOLE,FRESH	LB	30	9,762	5,910					467	250
1054140	CHICKENS,EX YOUNG, WHOLE	LB	27	11,519	6,706					816	492
1054160	CHICKEN PIECES,FRESH, ETC.	LB	3	88,229	44,038			42	17	14,208	7,248
1055120	TURKEYS,WHOLE,FRESH,ETC	LB	113	972	775					206	220
1055140	TURKEY PIECES,FRESH, ETC	LB	45	5,675	3,431					242	163
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	81	2,921	1,642					937	726
1057100	POULTRY LIVERS,FRESH, ETC	LB	232	219	94						
1058100	BIRD MEAT, CANNED	LB	357	8	6					5	3
1058300	BIRD MEAT,PREP,EX CANNED	LB	168	451	329					308	264
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	10	25,776	25,826	77	80	9	17	2,797	4,437
1061050	BEEF,CRCSS,W/O BONE,FRESH	LB	23	4,766	7,379	33	56	1	3	264	338
1061030	VEAL,CRCSS,FRESH,CHILLED,ETC	LB	155	476	401	1	3			7	6
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	118	480	693	1	3			74	99
1063100	HORSEMEAT,CRCSS,FRESH,ETC	LB	24	13,068	7,168					54	25
1065200	MEAT,CRCSS,NSPF,FRESH,ETC	LB	150	551	426					63	100
1068200	BEEF TONGUES, FRESH, ETC	LB	44	3,292	3,691					128	156
1068400	BEEF LIVER, FRESH, ETC	LB	33	14,137	5,422					315	160
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	9	62,275	35,497			7	3	8,863	5,225
1068800	VEAL OFFAL,FRESH,CHILLED,ETC	LB	132	873	507					10	4
1069000	LAMB OFFAL,FRESH,CHILLED,ETC	LB	97	1,593	1,087					615	476
1069600	MEAT OFFAL,NSPF,FRESH,ETC	LB	26	19,356	6,323					510	236
1070100	SAUSAGES,ETC,CANNED	LB	258	61	61					54	50
1070200	SAUSAGES,ETC, EXC CANNED	LB	58	2,169	2,870	1	2			1,676	2,335
1073920	BEEF,EX CRCSS,FRESH,ETC	LB	55	2,265	2,966			22	57	333	512
1074200	BEEF AND VEAL, CANNED	LB	306	19	25					7	5
1074600	BEEF & VEAL,EX SAUSAGE,NSPF	LB	131	227	260	1	2	11	13	47	31
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	203	133	154			50	74	15	7
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	264	71	52	2	3			44	31
1076600	MT & EDBL OFFL,PREP EX CANND	LB	69	3,363	2,160			27	22	906	858
1078000	MEAT EXTRACT,INCLUDING FLUID	LB	136	165	489			5	11	6	11
1150100	MLK & CRM,FLUID,FRSH OR SOUR	GAL	37	2,589	6,659					1,172	1,575
1153000	MILK & CRM,NT SWT(EVAP)CANND	LB	158	691	392					539	321
1153500	MILK & CRM,SWT(CONDNSD) CNND	LB	344	20	9						
1154000	MLK & CRM,CNDNS/EVAP,NT CNND	LB	121	1,256	697					9	2
1155020	NONFAT DRY MILK, DONATED	LB	72	4,592	2,024						
1155040	NONFAT DRY MILK,NOT DONATED	LB	3	178,649	101,736						
1155700	DRIED MILK AND CREAM, NSPF	LB	53	7,951	3,037					114	42
1160100	BUTTER	LB	124	993	581					8	7
1163000	MARGARINE,INCLDNG OLEO	LB	98	6,262	1,050					337	86
1171700	CHEDDAR CHEESE	LB	284	23	35					1	2
1173200	AMER TYPE CHEESE,EX CHEDDAR	LB	137	643	681					258	325
1173600	CHEESES, NSPF	LB	146	668	664	2	6	9	29	257	237
1180000	WHEY, FLUID	GAL	341	2	10					1	9
1180500	WHEY, DRIED	LB	46	15,176	3,233					213	74
1181000	YOGURT, OTHER FERMENTD MILK	LB	253	259	65					38	19
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	228	123	108			1	2	31	6
1182500	ICE CREAM	GAL	373	1	2					1	2
1186000	MILK PRODUCTS, NSPF		157	0	373						19
1195100	SHELL EGGS FOR HATCHING	DOZ	110	655	346			16	128	89	101
1195300	EGGS IN THE SHELL, NSPF	DOZ	17	16,160	12,347			1	32	109	56
1196520	EGG ALBUMEN(WHITES),DRIED	LB	127	398	589						
1196540	WHL EGGS,OR YLKS,N/SHLL,DRD	LB	307	11	24					11	24
1197020	EGG ALBUMEN(WHITES),EX DRIED	LB	196	142	191						
1197040	WHL EGG OR YLK,N/SHLL,EX DRD	LB	363	6	4						
1201400	CATTLE HIDES, WHOLE	PC	6	1,833	89,616	57	57			42	1,401
1201720	WHOLE CALF SKINS	PC	90	72	1,314					12	262
1201740	WHOLE KIP SKINS	PC	68	103	2,392					0	7
1201755	CATTLE HIDE CHOUPONS ETC	PC	153	30	406						
1201765	BOVINE HIDES,EXC WHOLE,NSPF	LB	22	32,694	7,631					402	110
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	92	137	1,191					19	186
1202044	EQUINE HIDES	LB	199	678	182					96	23
1202047	GOAT AND KID SKINS	PC	129	170	360			0	6	12	69
1202092	PIG AND HOG SKINS	NO	29	2,031	5,963					6	16
1202095	OTHER HIDES AND SKINS,NSPF	NO	75	0	1,984			0	7		26
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	362	1	4						
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		225	0	111			2	5		95
1255200	FRUIT AND NUT PLANTS, ETC		151	0	419			1	2		169
1256500	ROSE PLANTS		184	0	266			2	32		10
1258100	LIVE PLANTS, NSPF		82	0	1,561			25	122		773
1260120	ALFALFA SEED, UNCERTIFIED	LB	95	980	1,105					597	717
1260140	ALFALFA SEED, CERTIFIED	LB	25	5,305	7,086					466	637
1260300	SUGAR BEET SEED	LB	336	5	11						
1260500	BEET SEED, EXCEPT SUGAR BEET	LB	361	2	4						
1261700	SEED, CARROT	LB	161	152	369					43	116
1263200	CLOVER SEED, NSPF	LB	369	1	2						
1264100	FLOWER SEED	LB	193	43	211					21	99
1265700	MILLET	LB	177	3,050	283						
1266100	ONION SEED	LB	48	466	3,119			47	208	160	828
1267100	PEPPER SEED	LB	107	273	917					10	40
1267300	RADISH SEED	LB	201	91	165					36	71
1268100	SPINACH SEED	LB	269	31	68					25	40
1268700	TREE AND SHRUB SEEDS	LB	374	0	2			0	2	0	2
1271220	SUDAN GRASS SEED	LB	206	579	169					372	87
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	60	2,986	2,751	13	8			50	28
1271510	CANTALOPE SEED	LB	86	407	1,417			31	96	17	51
1271515	CUCUMBER SEED	LB	96	210	1,089			1	3		
1271530	LETTUCE SEED	LB	183	58	268			0	3	15	79

-- MEXICO CONTINUED ON NEXT PAGE --

1988 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

TABLE 7.

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1271545	SQUASH SEED	LB	63	894	2,678					39	116
1271560	TOMATO SEED	LB	77	161	1,867					2	18
1271570	WATERMELON SEED	LB	126	176	591			1	2	3	10
1271580	VEGETABLE SEEDS, NSPF	LB	39	1,150	4,216			31	581	198	904
1271590	SEEDS, NSPF	LB	67	1,746	3,214			0	4	495	759
1301020	BARLEY FOR MALTING	BU	303	15	26						
1301040	BARLEY, OTHER THAN MALTING	BU	144	210	446					130	269
1301700	BUCKWHEAT AND CANARY SEED	LB	135	3,484	497					1,424	249
1303200	CORN OR MAIZE, DONATED	BU	26	5,071	6,820	33,062	1,763			28	31
1303420	SWEET CORN SEED, NOT DONATED	LB	35	9,157	4,940					1,303	26
1303440	CORN SEED,EXC SWT,NT DONATED	LB	51	6,947	3,044					26	16
1303465	YELLOW CORN, NOT DONATED	BU	1	123,959	354,372	4,415,921	216,221			3,619	11,276
1303475	CORN, NSPF, NOT DONATED	BU	12	11,248	27,095	20,772	1,090			166	390
1304020	GRAIN SORGHUM SEED	LB	19	33,557	9,467			35	10	31	9
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	2	50,825	134,693	696,171	30,961			3,306	9,088
1304500	OATS	BU	263	35	52						
1305000	RICE, PADDY OR ROUGH	LB	265	815	75					815	75
1305520	RICE,HUSKED,BROWN,LONG GRAIN	LB	242	361	79					262	56
1305540	RICE,HUSKED,BROWN,MED. GRAIN	LB	345	45	9						
1305560	RICE,HUSKED,BRWN,SHORT GRAIN	LB	346	60	3						
1305580	RICE,HUSKED,BRWN,MIXED GRAIN	LB	262	455	53					49	10
1306000	RYE	BU	180	110	275					19	49
1306520	WHEAT,UNMILLED,DONATED	BU	65	409	2,501	32,281	2,366				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	5	30,360	94,472	1,426,266	72,534			4,725	13,717
1312600	OATS,MILLED EX BRKFST CEREAL	LB	238	687	82						
1313015	LG GR PRBL MD RICE,NT RELIEF	LB	120	1,091	259					97	16
1313025	MD RICE NSPF PRBL, NT RELIEF	LB	295	163	28					45	10
1313030	MD RICE,LG GRN,X PRBL,NT DON	LB	248	340	74					51	10
1313040	MD RICE,MD GRN,X PRBL,NT DON	LB	310	109	26					72	17
1313060	MD RICE,MX GRN,X PRBL,NT DON	LB	333	65	13					65	13
1314020	DRM FLR & SEMOLINA,NT DONATED	CWT	290	2	32					1	13
1314030	WHEAT FLOUR,NSPF, DONATED	CWT	320	0	19						
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	308	5	24					3	14
1314090	WHEAT,MILLED,NSPF	CWT	335	3	12						
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	250	7	71						
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	56	430	3,004					6	40
1324020	CORNSTARCH, INCLUDING MILO	LB	103	6,225	977					73	26
1324040	STARCHES, NSPF	LB	149	1,511	427					596	148
1351800	ASPARAGUS, FRESH OR CHILLED	LB	288	53	33					40	17
1352100	BEANS, FRESH OR CHILLED	LB	99	3,736	1,031			33	12	3,666	1,008
1352300	BROCCOLI, FRESH OR CHILLED	LB	255	275	64					179	35
1352500	BRUSSEL SPROUTS,FRH OR CHLD	LB	331	53	14					25	7
1352700	CABBAGE, FRESH OR CHILLED	LB	339	45	10					45	10
1352900	CARROTS, FRESH OR CHILLED	LB	351	37	7					18	3
1353100	CAULIFLOWER,FRESH OR CHILLED	LB	275	165	46						
1353300	CELERY, FRESH OR CHILLED	LB	123	3,437	642					3,053	575
1353500	DASHEENS,ETC.,FRH OR CHILLED	LB	156	1,356	394					1,764	390
1353700	SWEET CORN, FRESH OR CHILLED	LB	221	534	119					186	41
1353900	CUCUMBERS, FRESH OR CHILLED	LB	237	221	33						
1354000	GARLIC, FRESH OR CHILLED	LB	267	99	48					65	34
1354300	LETTUCE, FRESH OR CHILLED	LB	152	3,415	416					1,155	148
1354500	ONIONS,FRSH OR CHLLD,EX SETS	LB	133	5,762	505					2,528	243
1354700	PEPPERS, FRESH OR CHILLED	LB	283	340	37					286	25
1354920	POTATOES, WHITE, FR FOR SEED	LB	260	739	55					59	4
1354940	POTATOES, WHITE, FR EX SEED	LB	115	6,187	738					3,481	403
1355300	TOMATOES, FRESH OR CHILLED	LB	167	1,386	331					123	20
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	179	1,680	277			7	2	1,430	211
1381000	CARROTS, FROZEN	LB	355	64	6					45	2
1382000	CORN, SWEET, FROZEN	LB	300	99	27					23	6
1383000	PEAS, FROZEN	LB	319	71	19						
1387000	VEGETABLES, NSPF, FROZEN	LB	210	323	135					26	13
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	367	14	3					14	3
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	50	11,353	3,059					3,164	1,358
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	125	2,812	600	38	5				
1401800	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	233	216	93			15	5	181	78
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC	LB	234	257	90					97	25
1403100	BEANS, SEED	LB	172	1,151	310					34	12
1403300	PEAS, SEED	LB	154	1,615	406					391	74
1403500	LENTILS,DRIED,ETC	LB	109	6,470	897					2,861	561
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	266	181	51						
1405100	GARLIC,DRIED,ETC.,EXC. FLOUR	LB	358	11	6						
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	324	16	16						
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	311	83	24					40	8
1405660	POTATOES,NSPF,DRD,ETC,X FLR	LB	276	181	44					21	5
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	281	83	39					10	4
1407100	VEGETABLES REDUCED TO FLOUR	LB	131	827	511			7	6	75	97
1410100	ASPARAGUS,CND,EXCL. PICKLED	LB	313	49	23					49	23
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	293	171	29						
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	207	374	143			3	2	109	46
1410500	CORN, CANNED, EXCL. PICKLED	LB	94	4,112	1,145					2,099	513
1411100	PEAS,EXC COW & CHICKPEAS,CND	LB	301	79	25					43	15
1412220	TOMATO PULP (PUREE), CANNED	LB	376	4	2						
1412240	TMTO SC, EX CTSP & CHILI SC	LB	192	701	219					65	21
1412260	TOMATO PASTE, CANNED	LB	277	101	42					101	42
1412280	TOMATOES, CANNED, NSPF	LB	375	7	2						
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	101	2,755	1,024			3	3	2,251	847
1414200	VEGETABLE BABY FOOD, CANNED	LB	280	129	40					129	40
1415200	CUCUMBERS,PICKLED,W/NOT,CND	LB	349	57	7					3	2
1415700	VEGETABLES,EX CUCUMBERS,PKLD	LB	202	293	163					7	2
1417500	VEGETABLES, PREP, PRES, NSPF	LB	176	403	285					46	22
1441000	MUSHROOMS, FRESH	LB	359	4	5					4	3
1442500	MUSHROOMS, CANNED	LB	327	17	15					17	15
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	212	146	131	155	119			4	3
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	124	537	626	5	5			15	13

-- MEXICO CONTINUED ON NEXT PAGE --

1988 ANNUAL EXPORTS BY COUNTRY

TABLE 7.

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1452200	PECANS,NOT SHELLD OR ROASTED	LB	120	1,333	690						
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	34	6,683	5,095					6,614	5,043
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	222	47	115					14	36
1453540	NUTS,NSPF,NT SHLD OR ROASTED	LB	295	28	28					2	3
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	89	991	1,345					7	16
1454900	PECANS,SHELLED,NOT BLANCHED	LB	170	516	324						
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	247	118	76	8	7			7	7
1455720	PISTACHIOS, SHELLED	LB	194	121	204					7	14
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	195	230	266						
1456100	ALMONDS, PREPARED, PRESERVED	LB	143	702	453					14	24
1457520	PISTACHIOS, PREP OR PRESRVD	LB	263	24	43						
1457545	CASHEWS, PREP OR PRESERVED	LB	217	51	125	0	2				
1457547	OTHER NUTS,PREP OR PRESERVED	LB	314	7	21	3	8				
1459000	MIXTURES OF EDIBLE NUTS	LB	365	2	4						
1461000	APPLES, FRESH	LB	57	10,746	2,392					11,371	1,966
1463500	AVOCADOS, FRESH	LB	366	6	4					3	2
1465500	STRAWBERRIES, FRESH	LB	272	65	46					7	7
1466500	BERRIES, FRESH, NSPF	LB	274	119	45			9	6	58	34
1468320	CHERRIES, SWEET, FRESH	LB	240	155	82	16	18	52	32	79	57
1471500	GRAPEFRUIT, FRESH	LB	259	243	56					204	40
1471900	LEMONS, FRESH	LB	171	2,029	311					2,005	308
1473120	TANGERINES, FRESH	LB	337	41	11					31	8
1473140	ORANGES, FRESH, NSPF	LB	111	5,552	829					3,665	554
1473500	CITRUS FRUITS, FRESH, NSPF	LB	205	653	143	6	3			162	17
1475500	GRAPES, FRESH	LB	116	2,934	769					1,635	392
1481700	CANTALOUPES, FRESH	LB	333	76	10					6	2
1482000	WATERMELON, FRESH	LB	315	437	20						
1482700	MELONS, FRESH, NSPF	LB	358	43	6					43	5
1487500	PEACHES & NECTARINES, FRESH	LB	93	7,108	1,392	24	5	30	7	3,060	502
1488500	PEARS, FRESH	LB	91	7,197	1,267					5,608	1,029
1491700	PRUNES AND PLUMS, FRESH	LB	133	2,025	481					1,006	195
1493050	KIWIFRUIT, FRESH	LB	237	155	94					114	16
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	195	737	194					534	109
1497500	BERRIES, FROZEN, NSPF	LB	330	45	14						
1498520	CHERRIES, SWEET, FROZEN	LB	285	58	34						
1499000	FRUITS, FROZEN, NSPF	LB	245	175	75					52	19
1501200	APPLES, DRIED	LB	211	235	135					12	8
1502200	APRICOTS PEACHES PEARS DRIED	LB	145	448	445	7	5			236	158
1504500	DATES, DRIED	LB	316	15	19						
1506500	GRAPES (RAISINS), DRIED	LB	200	114	170	4	6			23	32
1508000	PRUNES, DRIED	LB	70	3,626	2,151	90	53			226	102
1508500	FRUITS, DRIED, NSPF	LB	213	208	129	2	5			196	123
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	224	106	112					58	69
1510500	FRUIT IN BRINE, NSPF	LB	370	10	2						
1511000	APRICOTS, PREP OR PRESERVED	LB	348	20	3					20	8
1512000	MARASCHINO CHERRIES, PREP	LB	265	70	51	23	19			18	17
1512520	CHERRIES, SWEET, NSPF, PREP	LB	296	35	28	6	3			5	3
1513000	BERRIES, PREPARED OR PRES	LB	297	34	27	41	27			34	27
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	352	37	7						
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	326	50	15						
1515000	OLIVES, CANNED	LB	321	21	17					8	9
1515500	OLIVES, PREP OR PRES, NSPF	LB	322	28	18			5	3	3	2
1516000	PEACHES AND NECTARINES, PREP	LB	241	240	78	71	25			106	34
1517000	PEARS, PREPARED OR PRESERVED	LB	354	18	7						
1518500	FRUIT NSPF, PREP, PRESERVED	LB	198	319	183					90	48
1519500	FRUIT MIXTURES, NSPF, PREP	LB	122	1,624	685	48	21			1,070	469
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	169	1,084	325	1,087	323			1,034	325
1525500	FRUIT BABY FOOD, CANNED	LB	278	149	41					5	2
1526000	FRUIT PASTE, PULP, FLOUR ETC	LB	273	124	45					84	36
1533000	JAMS, JELLIES MARMALADES ETC	LB	218	214	123					205	119
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	204	105	153						
1551100	SUGAR BEETS AND SUGAR CANE	STN	360	0	5					0	2
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	215	306	128					1	2
1552045	RAW SUGAR, BEET OR CANE	STN	293	0	27					0	6
1553000	LIQUID SUGAR & SUGAR SIRUPS	LTS	334	36	12			22	6	24	9
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	166	260	337					9	5
1557000	HONEY	LB	254	352	65					323	60
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	208	125	137					42	54
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	256	169	63					31	13
1616100	MUSTARD SEEDS	LB	318	90	19						
1618100	RED PEPPER	LB	244	62	77					36	47
1621700	SPICE AND SPICE SEEDS, NSPF	LB	83	1,545	1,542					1,110	1,125
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	350	3	7					2	5
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	323	19	16					17	14
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	347	10	8					10	8
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	252	28	66						
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	226	183	109					183	106
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	343	8	19						
1653320	ORANGE JUICE CONC FZ UND320Z	SSG	342	4	[illegible]						
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	191	82	220						
1655000	FRUIT JUICE NSPF, CONC, FRZN	SSG	353	12	7						
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	271	19	47					2	4
1658000	GRAPE JUICE CONCNTRTD NOT FZ	SSG	309	10	24						
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	292	12	29					12	29
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	229	68	105					40	46
1663040	VEGETABLE JUICES, NSPF	GAL	231	72	95					35	54
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	189	119	243	200	66	23	10	37	54
1673100	STILL WINE NT OV 14% ALCOHOL	WG	130	74	533			4	32	3	18
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	182	33	268	19	10	70	134	5	24
1675120	CIDER	GAL	329	3	14					0	2
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	174	57	300					4	16
1683000	BRANDY	PFG	62	227	2,687					4	42
1751500	COTTONSEED	LB	20	79,980	9,287	18	10			6,615	720
1751800	FLAXSEED (LINSEED)	LB	134	5,520	502						

-- MEXICO CONTINUED ON NEXT PAGE --

1986 ANNUAL EXPORTS BY COUNTRY

TABLE 7.

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1755120	SUNFLOWER SEED,CONFECTIONERY	LB	302	140	26					12	2
1756020	SAFFLOWER SEED	LB	178	3,028	280					618	58
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	145	1,309	428					885	300
1761820	COTTONSEED OIL, CRUDE	LB	41	15,673	4,092					55	16
1761840	COTTONSEED OIL, ONCE-REFINED	LB	175	1,225	291						
1761860	COTTONSEED SALAD OIL NT/RELF	LB	173	999	304					981	300
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	73	8,825	2,012					172	103
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	291	29	30					16	20
1769180	JOJOBA OIL, UNMIXED	LB	219	11	121					11	121
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	71	6,614	2,035			37	16	1,487	462
1775220	OLEO OIL AND STEARIN, EDIBLE	LB	141	1,527	458					57	13
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	327	67	15						
1775620	TALLOW, EDIBLE	LB	14	95,541	18,602	9,198	1,779			5,077	910
1775640	TALLOW, INEDIBLE	LB	7	265,392	49,861	106,379	19,681			2,002	365
1775900	WOOL GREASE	LB	216	57	126						
1777320	ANHYDROUS MILK FAT	LB	147	653	428						
1777360	CHOICE WHITE GREASE	LB	197	1,154	187					151	13
1777385	YELLOW GREASE	LB	157	2,065	393						
1777390	OTHER TALLOW, NSPF	LB	33	8,072	4,383					52	14
1781140	VEG SALAD OIL, NOT RELIEF	LB	286	126	34					5	2
1783540	COTTONSEED OIL, HYDROGENATED	LB	257	231	62					200	54
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	42	13,269	3,958					10,343	3,073
1786000	SALAD & COOKING OIL, MIXTURE	LB	235	203	87					43	20
1787020	BAKING FATS, MIX OF VEG OILS	LB	100	2,812	1,025					1,002	354
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	93	4,077	1,157					678	168
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	112	6,096	776					1,722	394
1821200	BALLS,ETC,VEG A/OR MT OR FSH	LB	261	103	54						
1823120	OATMEAL,ETC,ROLLED,FLKD,ETC	LB	332	35	14					5	2
1824420	CATSUP AND CHILI SAUCE	LB	249	296	73					243	58
1825120	SOUPS,DRIED OR DEHYDRATED	LB	63	2,655	2,502					2,647	2,439
1825140	SOUPS, N S P F	LB	140	1,160	471					865	371
1825600	VINEGAR	GAL	303	18	23	69	18			10	19
1827000	WILD RICE CRUDE OR PROCESSED	LB	364	4	4					4	4
1829420	POTATO CHIPS AND STICKS	LB	371	3	2					3	2
1829740	MIXED SEASONINGS	LB	139	468	472					149	132
1829742	VEG FLOURS & GRITS, DEFATTED	LB	282	232	38	44	10			144	16
1829744	VEG FLOUR/GRITS NON-DEFATTED	LB	102	6,142	989					175	32
1829752	VEGETABLE PROTEIN ISOLATES	LB	43	6,841	3,803						
1829754	VEG PRO CONCENTRATES, ETC	LB	164	516	353					44	41
1829760	EDIBLE PREP, NSPF, CANNED	LB	190	193	235	36	12	9	8	16	10
1829770	EDIBLE PREP, NSPF, FROZEN	LB	243	100	78			5	4	19	5
1829780	EDIBLE PREPARATIONS, NSPF	LB	67	4,124	2,437	11	31	20	98	1,490	1,203
1841020	WHEAT BY-PRODCTS,ANIMAL FEED	STN	185	3	268					0	36
1841040	RICE BY-PRODUCTS,ANIMAL FEED	STN	162	6	368					5	326
1842000	BEET PULP, DRIED	STN	270	0	67						
1842500	BREWERS' GRAINS, MALT SPROUT	STN	340	0	10						
1843600	HAY AND STRAW	STN	80	22	1,775					21	1,665
1844400	GRAIN HULLS, SCREENINGS, ETC	STN	160	11	379	227	7			0	2
1845240	COTTONSEED OIL CAKE AND MEAL	STN	31	50	5,644					1	120
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	165	2	349					0	30
1845600	MEAT MEAL & TANKAGE,INEDIBLE	STN	52	12	3,043					1	153
1846520	MEAT, INEDIBLE, FR, CHLD, FZ	LB	368	3	3						
1846540	MEAT & OFFAL, INEDIBLE, NSPF	LB	76	2,664	1,889					95	26
1848005	ALFALFA HAY CUBES	STN	117	5	705					2	205
1848010	ALFALFA MEAL, SUN CURED	STN	279	1	40					0	2
1848015	ALFALFA MEAL, DEHYDRATED	STN	325	0	16					0	14
1848025	FEATHER MEAL	STN	214	1	128						
1848032	DOG & CAT FOOD, RETAIL SALE	LB	119	2,421	692	16	3	11	4	1,017	278
1848034	PET FOOD NSPF, RETAIL SALE	LB	104	3,434	945			49	25	185	36
1848035	POULTRY FEEDS, PREPARED	STN	49	8	3,063					0	69
1848040	DAIRY CATTLE FEED, PREPARED	STN	142	3	437					0	11
1848045	LIVESTOCK FEED, PREP, NSPF	STN	85	7	1,424					0	16
1848070	CITRUS PULP PELLETS	STN	299	0	27					0	27
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	59	13	2,821	154	16			0	62
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	317	9	19			11	19	0	2
1863700	HAIR AND BRISTLES, NSPF	LB	163	196	362						
1911520	BULL SEMEN (BOVINE)		74	0	1,998			23	1,424		46
1912540	HOOVES, ANTLERS, NAILS, CLAWS		372	0	2						
1912570	ANIMAL PRODUCTS, NSPF		106	0	936			0	2		
1920600	SEAWEED AND CARRAGEENIN	LB	61	1,348	2,702			10	29	671	542
1921120	CUT FLOWERS, FRSH SPRAYS ETC		227	0	109			5	20		20
1921140	FOLIAGE,ORNAMENTAL PURPOSES		220	0	121						46
1922520	HOP PELLETS	LB	187	96	259	96	259				
1923200	HOP EXTRACT AND LUPULIN	LB	16	1,495	14,465	542	6,918			78	1,309
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	289	5	33						
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	105	1,407	936			1	7	18	23
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	236	0	85						
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	40	12	4,098	509	360			1	360
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	87	4	1,400	506	409			1	409
3003021	COTTON LINTERS, OTHER	LB	64	12,123	2,632					127	17
4523400	LEMON OIL	LB	230	14	96					0	2
4524400	ORANGE OIL	LB	231	88	69					34	48
7482500	FLOWERS, CUT NATURAL,DRIED		239	0	82			1	8		
7482900	OTHER DRIED PLANTS, N.S.P.F.		312	0	23						5
	TOTALS FOR MEXICO				$1,499,606	6,746,525	$353,383	905	$4,366		$124,882

MOROCCO COUNTRY RANK 23

1000230	CHICKENS, BREEDER STOCK,MEAT	NO	11	121	199			18	199		
1004140	CATTLE,BEEF,BREEDING,FEMALE	NO	17	0	60			6	60		

-- MOROCCO CONTINUED ON NEXT PAGE --

TABLE 7.

1983 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY ,000 LBS	VESSEL VALUE	AIR QTY ,000 LBS	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1009640	LIVE ANIMALS, NSPF		23	0	20			2	20		
1155020	NONFAT DRY MILK, DONATED	LB	5	8,394	5,648	9,167	5,648				
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	9	43	306	280	306				
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		31	0	3			0	3		3
1260120	ALFALFA SEED, UNCERTIFIED	LB	12	172	171	174	171			172	171
1267300	RADISH SEED	LB	20	6	25	7	25			6	25
1271220	SUDAN GRASS SEED	LB	25	79	17	80	17			79	17
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	22	66	23	67	23			66	23
1271510	CANTALOPE SEED	LB	26	2	9	3	9			2	9
1271560	TOMATO SEED	LB	19	2	32			3	32	2	25
1271570	WATERMELON SEED	LB	16	30	80	33	76	1	3	1	2
1271580	VEGETABLE SEEDS, NSPF	LB	10	70	237	62	148	23	88	32	126
1271590	SEEDS, NSPF	LB	14	53	99	29	96	61	3		
1303440	CORN SEED,EXC SWT,NT DONATED	LB	21	21	25	21	25				
1303455	YELLOW CORN, NOT DONATED	BU	2	5,578	14,939	312,353	14,939				
1304020	GRAIN SORGHUM SEED	LB	15	211	95	215	95				
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	7	2,102	5,205	117,736	5,205				
1306520	WHEAT,UNMILLED,DONATED	BU	3	2,425	9,668	145,551	9,668				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	1	45,712	141,021	2,742,699	141,021				
1313015	LG GR PREL MD RICE,NT RELIEF	LB	28	14	8	15	5				
1314030	WHEAT FLOUR,NSPF, DONATED	CWT	3	1,592	1,828	19,841	1,828				
1324040	STARCHES, NSPF	LB	27	7	7	7	7				
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	36	2	2	2	2				
1512520	CHERRIES, SWEET, NSPF, PREP	LB	32	2	2	2	2				
1621700	SPICE AND SPICE SEEDS, NSPF	LB	33	2	2	2	2				
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	34	2	2	2	2				
1755120	SUNFLOWER SEED,CONFECTIONERY	LB	24	9	19	9	19				
1775640	TALLOW, INEDIBLE	LB	4	36,447	6,402	36,447	6,402				
1825120	SOUPS,DRIED OR DEHYDRATED	LB	35	2	2	2	2				
1829760	EDIBLE PREPARATIONS, NSPF	LB	29	2	3	2	3				
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	6	16	5,547	8,424	5,547			0	184
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	13	0	157	240	157				
4523400	LEMON OIL	LB	18	0	35			0	35		
4524400	ORANGE OIL	LB	30	0	3	0	3				
	TOTALS FOR MOROCCO				$191,896	5,393,473	$191,452	115	$443		$583

NETHERLANDS COUNTRY RANK 12

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY ,000 LBS	VESSEL VALUE	AIR QTY ,000 LBS	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK,EGG	NO	106	91	394			13	394		
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	31	490	2,692			59	2,692		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	144	513	222			12	222		
1007100	HORSES FOR BREEDING	NO	135	0	268			34	268		
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	120	0	326			73	326	0	85
1009540	LIVE ANIMALS, NSPF		113	0	359	165	263	3	96		
1054120	CHICKENS,YOUNG,WHOLE,FRESH	LB	187	117	122	120	122				
1054140	CHICKENS,EX YOUNG, WHOLE	LB	116	280	344	280	344			280	344
1054160	CHICKEN PIECES,FRESH, ETC.	LB	56	1,866	1,134	1,880	1,132	4	2	40	22
1055140	TURKEY PIECES,FRESH, ETC	LB	117	774	342	795	342			40	14
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	182	384	134	389	134				
1057100	POULTRY LIVERS,FRESH, ETC	LB	118	857	337	862	337				
1058100	BIRD MEAT, CANNED	LB	218	12	44	13	44				
1058300	BIRD MEAT,PREP,EX CANNED	LB	219	31	43	6	11				
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	175	89	149	85	119	9	30		
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	10	6,308	10,760	6,809	10,207	148	553		
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	278	0	3			0	3		
1065100	HORSEMEAT,CRCSS,FRESH,ETC	LB	11	14,399	9,973	13,069	8,311	1,692	1,636	142	150
1065200	MEAT,CRCSS,NSPF,FRESH,ETC	LB	247	10	17			11	17		
1068200	BEEF TONGUES, FRESH, ETC	LB	41	1,677	1,890	1,732	1,890				
1068400	BEEF LIVER, FRESH, ETC	LB	57	3,270	1,131	3,631	1,131				
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	34	4,395	2,345	6,303	2,194	31	21		
1068800	VEAL OFFAL,FRESH,CHILLED,ETC	LB	66	495	864	519	864			40	48
1069000	LAMB OFFAL,FRESH,CHILLED,ETC	LB	203	364	86	373	68				
1069600	MEAT OFFAL,NSPF,FRESH,ETC	LB	174	135	149	155	109	0	40		
1070200	SAUSAGES,ETC, EXC CANNED	LB	266	5	8	6	8				
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	100	163	437	128	325	42	112		
1074500	BEEF & VEAL,EX SAUSAGE,NSPF	LB	200	60	70	59	52	15	18		
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	198	37	73	38	71	2	2		
1076600	MT & EDBL OFFL,PREP EX CANND	LB	251	8	16	8	16				
1155040	NONFAT DRY MILK,NOT DONATED	LB	39	7,425	1,972	360	166				
1155700	DRIED MILK AND CREAM, NSPF	LB	258	38	13						
1178200	AMER TYPE CHEESE,EX CHEDDAR	LB	253	6	14	7	14				
1178600	CHEESES, NSPF	LB	192	45	80	47	80				
1180000	WHEY, FLUID	GAL	237	4	26	30	26				
1180500	WHEY, DRIED	LB	25	18,811	3,838	2,392	406			379	66
1181200	INFNTS DIET SUPP,DRY MILK	LB	257	21	13						
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	105	406	396	333	254	6	8		
1186000	MILK PRODUCTS, NSPF		68	0	843	2	4				
1195100	SHELL EGGS FOR HATCHING	DOZ	239	24	22			8	22		
1195300	EGGS IN THE SHELL, NSPF	DOZ	242	5	20			8	20		
1196540	WHL EGGS,OR YLKS,N/SHLL,DRD	LB	161	149	177	158	177				
1201400	CATTLE HIDES, WHOLE.	PC	24	80	3,901	720	740				
1201720	WHOLE CALF SKINS	PC	54	75	1,264	241	353				
1201740	WHOLE KIP SKINS	PC	156	7	184						
1201755	CATTLE HIDE CROUPONS ETC	PC	107	20	377	48	49				
1201765	BOVINE HIDES,EXC WHOLE,NSPF	LB	131	1,247	275	75	14	65	12		
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	163	97	169	131	169			97	169
1202095	OTHER HIDES AND SKINS,NSPF	NO	86	0	529	45	119	0	2		
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	108	37	377	238	377				
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		83	0	542	372	344	40	198		224
1255200	FRUIT AND NUT PLANTS, ETC		201	0	69			5	35		

-- NETHERL CONTINUED ON NEXT PAGE --

TABLE 7.

1986 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1755120	SUNFLOWER SEED,CONFECTIONERY	LB	302	140	26					12	2
1756020	SAFFLOWER SEED	LB	178	3,028	280					618	58
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	148	1,309	428					885	300
1761820	COTTONSEED OIL, CRUDE	LB	41	15,673	4,092					55	16
1761840	COTTONSEED OIL, ONCE-REFINED	LB	175	1,225	291						
1761860	COTTONSEED SALAD OIL NT/RELF	LB	173	999	304					981	300
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	73	8,825	2,012					172	103
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	291	29	30					16	20
1769180	JOJOBA OIL, UNMIXED	LB	219	11	121					11	121
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	71	6,614	2,035			37	16	1,487	462
1775220	OLEO OIL AND STEARIN, EDIBLE	LB	141	1,827	458					57	13
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	327	67	15						
1775620	TALLOW, EDIBLE	LB	14	95,541	18,602	9,198	1,779			5,077	910
1775640	TALLOW, INEDIBLE	LB	7	265,392	49,861	106,579	19,681			2,002	365
1775900	WOOL GREASE	LB	216	57	126						
1777320	ANHYDROUS MILK FAT	LB	147	653	428						
1777360	CHOICE WHITE GREASE	LB	197	1,154	187					151	13
1777385	YELLOW GREASE	LB	157	2,065	393						
1777390	OTHER TALLOW, NSPF	LB	38	8,072	4,383					52	16
1781140	VEG SALAD OIL, NOT RELIEF	LB	286	126	34					5	2
1783540	COTTONSEED OIL, HYDROGENATED	LB	257	231	62					200	56
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	42	13,269	3,958					10,343	3,073
1786000	SALAD & COOKING OIL, MIXTURE	LB	235	203	87					43	20
1787020	BAKING FATS, MIX OF VEG OILS	LB	100	2,812	1,025					1,002	354
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	93	4,077	1,157					678	168
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	112	6,094	774					1,722	396
1821200	BALLS,ETC,VEG A/OR MT OR FSH	LB	261	103	54						
1823120	OATMEAL,ETC,ROLLED,FLKD,ETC	LB	332	35	14					5	2
1824420	CATSUP AND CHILI SAUCE	LB	249	294	73					243	58
1825120	SOUPS,DRIED OR DEHYDRATED	LB	65	2,655	2,502					2,647	2,439
1825140	SOUPS, N S P F	LB	140	1,160	471					865	371
1825600	VINEGAR	GAL	305	18	25	69	18			10	19
1827000	WILD RICE CRUDE OR PROCESSED	LB	364	4	4					4	4
1829420	POTATO CHIPS AND STICKS	LB	371	3	2					3	2
1829740	MIXED SEASONINGS	LB	139	468	472					148	132
1829742	VEG FLOURS & GRITS, DEFATTED	LB	282	232	38	44	10			144	18
1829744	VEG FLOUR/GRITS NON-DEFATTED	LB	102	6,142	989					175	32
1829752	VEGETABLE PROTEIN ISOLATES	LB	43	6,841	3,803						
1829754	VEG PRO CONCENTRATES, ETC	LB	164	516	353					44	41
1829760	EDIBLE PREP, NSPF, CANNED	LB	190	193	235	36	12	9	8	16	10
1829770	EDIBLE PREP, NSPF, FROZEN	LB	243	100	78			5	4	19	5
1829780	EDIBLE PREPARATIONS, NSPF	LB	67	4,124	2,437	11	31	20	98	1,490	1,203
1841020	WHEAT BY-PRODCTS,ANIMAL FEED	STN	188	3	248					0	36
1841040	RICE BY-PRODUCTS,ANIMAL FEED	STN	162	6	368					5	326
1842000	BEET PULP, DRIED	STN	270	0	47						
1842500	BREWERS' GRAINS, MALT SPROUT	STN	340	0	10						
1843600	HAY AND STRAW	STN	80	22	1,775					21	1,665
1844400	GRAIN HULLS, SCREENINGS, ETC	STN	160	11	370	227	7			0	2
1845240	COTTONSEED OIL CAKE AND MEAL	STN	31	50	5,644					1	120
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	165	2	349					0	30
1845600	MEAT MEAL & TANKAGE,INEDIBLE	STN	52	12	3,043					1	153
1846520	MEAT, INEDIBLE, FR, CHLD, FZ	LB	368	8	3						
1845640	MEAT & OFFAL, INEDIBLE, NSPF	LB	76	2,664	1,889					95	26
1848005	ALFALFA HAY CUBES	STN	117	5	705					2	205
1848010	ALFALFA MEAL, SUN CURED	STN	279	1	40					0	2
1848015	ALFALFA MEAL, DEHYDRATED	STN	325	0	16					0	14
1848025	FEATHER MEAL	STN	214	1	128						
1848032	DOG & CAT FOOD, RETAIL SALE	LB	119	2,421	692	16	3	11	4	1,017	278
1848034	PET FOOD NSPF, RETAIL SALE	LB	104	3,434	946			49	25	185	36
1848035	POULTRY FEEDS, PREPARED	STN	49	8	3,063					0	69
1848040	DAIRY CATTLE FEED, PREPARED	STN	142	3	457					0	11
1848045	LIVESTOCK FEED, PREP, NSPF	STN	85	7	1,424					0	16
1848070	CITRUS PULP PELLETS	STN	299	0	27					0	27
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	59	13	2,821	154	16			0	62
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	317	9	19			11	19	0	2
1865700	HAIR AND BRISTLES, NSPF	LB	163	196	362						
1911520	BULL SEMEN (BOVINE)		74	0	1,998			23	1,624		46
1912540	HOOVES, ANTLERS, NAILS, CLAWS		372	0	2						
1912570	ANIMAL PRODUCTS, NSPF		106	0	936			0	2		
1920600	SEAWEED AND CARRAGEENIN	LB	61	1,348	2,702			10	29	671	542
1921120	CUT FLOWERS, FRSH SPRAYS ETC		227	0	109			5	20		20
1921140	FOLIAGE,ORNAMENTAL PURPOSES		220	0	121						46
1922520	HOP PELLETS	LB	187	96	259	96	259				
1923200	HOP EXTRACT AND LUPULIN	LB	16	1,495	14,465	542	6,918			78	1,309
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	289	5	33						
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	105	1,407	936			1	7	18	23
3001030	COTTON NT CRD OR CRD UN 1 IN	RBA	236	0	85						
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	40	12	4,098	509	360			1	360
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	87	4	1,400	506	409			1	409
3003021	COTTON LINTERS, OTHER	LB	64	12,123	2,632					127	17
4523400	LEMON OIL	LB	230	14	96					0	2
4524600	ORANGE OIL	LB	251	88	69					34	48
7492500	FLOWERS, CUT NATURAL,DRIED		239	0	82			1	8		
7492900	OTHER DRIED PLANTS, N.S.P.F.		312	0	23						5
	TOTALS FOR MEXICO				$1,499,606	6,744,525	$353,383	905	$4,344		$124,882

MOROCCO COUNTRY RANK 23

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	11	121	199			18	199		
1004140	CATTLE,BEEF,BREEDING,FEMALE	NO	17	0	60			6	60		

-- MOROCCO CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1009640	LIVE ANIMALS, NSPF		23	0	20			2	20		
1155020	NONFAT DRY MILK, DONATED	LB	5	8,394	5,648	9,167	5,648				
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	9	43	306	280	306				
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		31	0	3			0	3		3
1260120	ALFALFA SEED, UNCERTIFIED	LB	12	172	171	174	171			172	171
1267300	RADISH SEED	LB	20	6	25	7	25			6	25
1271220	SUDAN GRASS SEED	LB	25	79	17	80	17			79	17
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	22	66	23	67	23			66	23
1271510	CANTALOPE SEED	LB	26	2	9	3	9			2	9
1271560	TOMATO SEED	LB	19	2	32			3	32	2	25
1271570	WATERMELON SEED	LB	16	30	80	33	76	1	3	1	2
1271580	VEGETABLE SEEDS, NSPF	LB	10	70	237	62	148	23	88	32	126
1271590	SEEDS, NSPF	LB	14	53	99	29	96	61	3		
1303440	CORN SEED,EXC SWT,NT DONATED	LB	21	21	25	21	25				
1303455	YELLOW CORN, NOT DONATED	BU	2	5,578	14,939	312,353	14,939				
1304020	GRAIN SORGHUM SEED	LB	15	211	95	215	95				
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	7	2,102	5,205	117,736	5,205				
1306520	WHEAT,UNMILLED,DONATED	BU	3	2,425	9,668	145,551	9,668				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	1	45,712	141,021	2,742,699	141,021				
1313015	LG GR PREL MD RICE,NT RELIEF	LB	28	14	5	15	5				
1314030	WHEAT FLOUR,NSPF, DONATED	CWT	3	1,592	1,828	19,841	1,828				
1324040	STARCHES, NSPF	LB	27	7	7	7	7				
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	36	2	2	2	2				
1512520	CHERRIES, SWEET, NSPF, PREP	LB	32	2	2	2	2				
1621700	SPICE AND SPICE SEEDS, NSPF	LB	33	2	2	2	2				
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	34	2	2	2	2				
1755120	SUNFLOWER SEED,CONFECTIONERY	LB	24	9	19	9	19				
1775640	TALLOW, INEDIBLE	LB	4	36,447	6,402	36,447	6,402				
1825120	SOUPS,DRIED OR DEHYDRATED	LB	35	2	2	2	2				
1829760	EDIBLE PREPARATIONS, NSPF	LB	29	2	3	2	3				
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	6	16	5,547	8,424	5,547			0	184
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	13	0	157	240	157				
4523400	LEMON OIL	LB	18	0	35			0	35		
4524400	ORANGE OIL	LB	30	0	3	0	3				
	TOTALS FOR MOROCCO				$191,896	3,393,473	$191,452	115	$443		$583

NETHERLANDS COUNTRY RANK 12

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK,EGG	NO	106	91	394			13	394		
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	31	490	2,692			59	2,692		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	144	513	222			12	222		
1007100	HORSES FOR BREEDING	NO	135	0	268			34	268		
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	120	0	326			73	326	0	88
1009640	LIVE ANIMALS, NSPF		113	0	359	165	263	3	96		
1054120	CHICKENS,YOUNG,WHOLE,FRESH	LB	187	117	122	120	122				
1054140	CHICKENS,EX YOUNG, WHOLE	LB	116	280	344	280	344			280	344
1054160	CHICKEN PIECES,FRESH, ETC.	LB	56	1,866	1,134	1,880	1,132	4	2	40	22
1055140	TURKEY PIECES,FRESH, ETC	LB	117	774	342	795	342			40	14
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	132	384	134	389	134				
1057100	POULTRY LIVERS,FRESH, ETC	LB	118	857	337	862	337				
1058100	BIRD MEAT, CANNED	LB	218	12	44	13	44				
1058300	BIRD MEAT,PREP,EX CANNED	LB	219	31	43	6	11				
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	175	89	149	85	119	9	30		
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	10	6,308	10,760	6,809	10,207	148	553		
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	278	0	3			0	3		
1065100	HORSEMEAT,CRCSS,FRESH,ETC	LB	11	14,399	9,973	13,069	8,311	1,692	1,634	142	150
1065200	MEAT,CRCSS,NSPF,FRESH,ETC	LB	247	10	17			11	17		
1068200	BEEF TONGUES, FRESH, ETC	LB	41	1,677	1,890	1,732	1,890				
1068400	BEEF LIVER, FRESH, ETC	LB	57	3,270	1,131	3,431	1,131				
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	34	4,395	2,345	4,303	2,196	31	21		
1068800	VEAL OFFAL,FRESH,CHILLED,ETC	LB	66	495	964	519	864			40	48
1069000	LAMB OFFAL,FRESH,CHILLED,ETC	LB	203	364	66	373	66				
1069600	MEAT OFFAL,NSPF,FRESH,ETC	LB	174	135	149	155	109	0	40		
1070200	SAUSAGES,ETC, EXC CANNED	LB	266	5	8	6	8				
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	100	163	437	128	325	42	112		
1074500	BEEF & VEAL,EX SAUSAGE,NSPF	LB	200	60	70	59	52	15	18		
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	198	37	73	38	71	2	2		
1076600	MT & EDBL OFFL,PREP EX CANND	LB	251	8	16	8	16				
1155040	NONFAT DRY MILK,NOT DONATED	LB	39	7,425	1,972	360	166				
1155700	DRIED MILK AND CREAM, NSPF	LB	258	38	13						
1178200	AMER TYPE CHEESE,EX CHEDDAR	LB	253	6	14	7	14				
1178600	CHEESES, NSPF	LB	192	45	80	47	80				
1180000	WHEY, FLUID	GAL	237	4	26	30	26				
1180500	WHEY, DRIED	LB	25	18,811	3,838	2,392	406			379	66
1181200	INFNTS DIET SUPP,DRY MILK	LB	257	21	13						
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	105	406	396	333	256	6	8		
1186000	MILK PRODUCTS, NSPF		68	0	843	2	4				
1195100	SHELL EGGS FOR HATCHING	DOZ	239	24	22			8	22		
1195300	EGGS IN THE SHELL, NSPF	DOZ	242	5	20			8	20		
1196540	WHL EGGS,OR YLKS,N/SHLL,DRD	LB	161	149	177	158	177				
1201400	CATTLE HIDES, WHOLE	PC	24	80	3,901	720	740				
1201720	WHOLE CALF SKINS	PC	54	75	1,264	241	353				
1201740	WHOLE KIP SKINS	PC	156	7	184						
1201755	CATTLE HIDE CROUPONS ETC	PC	107	20	377	48	49				
1201765	BOVINE HIDES,EXC WHOLE,NSPF	LB	131	1,247	275	75	14	65	12		
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	163	97	169	131	169			97	169
1202095	OTHER HIDES AND SKINS,NSPF	NO	86	0	529	45	119	0	2		
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	108	37	377	238	377				
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		93	0	542	372	344	40	198		224
1255200	FRUIT AND NUT PLANTS, ETC		201	0	69			5	35		

-- NETHERL CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY ,000 LBS	VESSEL VALUE	AIR QTY ,000 LBS	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1258100	LIVE PLANTS, NSPF		25	0	3,094	3,233	2,550	116	494		146
1260140	ALFALFA SEED, CERTIFIED	LB	133	77	131	40	73			2	4
1260300	SUGAR BEET SEED	LB	95	191	443	195	443				
1260500	BEET SEED, EXCEPT SUGAR BEET	LB	159	100	153	15	37				
1261700	SEED, CARROT	LB	59	375	1,053	178	522	83	237		
1264100	FLOWER SEED	LB	62	13	976	3	11	11	884	7	595
1265700	MILLET	LB	171	2,179	151						
1266100	ONION SEED	LB	168	17	157	14	123	5	34	13	121
1267100	PEPPER SEED	LB	273	2	6			2	6	2	6
1267300	RADISH SEED	LB	150	123	205	85	150	9	18		
1268900	SPINACH SEED	LB	241	17	20	19	20			6	7
1269700	TREE AND SHRUB SEEDS	LB	142	26	246			29	246	16	172
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	79	712	721	727	721			445	451
1271510	CANTALOPE SEED	LB	270	2	6			2	6	1	3
1271515	CUCUMBER SEED	LB	136	58	126	59	105	5	20	4	20
1271530	LETTUCE SEED	LB	139	44	256	42	222	6	32	39	230
1271545	SQUASH SEED	LB	234	3	29			3	29	3	24
1271560	TOMATO SEED	LB	223	4	36	2	13	3	24	1	8
1271570	WATERMELON SEED	LB	126	79	300	58	208	20	68	52	210
1271580	VEGETABLE SEEDS, NSPF	LB	17	2,638	5,959	2,269	4,777	176	782	1,360	3,500
1271590	SEEDS, NSPF	LB	45	1,111	1,640	1,073	1,349	43	253	191	557
1301700	BUCKWHEAT AND CANARY SEED	LB	159	1,041	181						
1303420	SWEET CORN SEED, NOT DONATED	LB	158	84	182	81	153	6	29	1	3
1303440	CORN SEED, EXC SWT, NT DONATED	LB	75	2,337	760			2	12	1	6
1303455	YELLOW CORN, NOT DONATED	BU	18	1,694	5,522	94,887	5,522				
1303475	CORN, NSPF, NOT DONATED	BU	103	111	427	5,939	416				
1305520	RICE, HUSKED, BROWN, LONG GRAIN	LB	29	25,724	3,062	25,724	3,062			7,159	721
1305560	RICE, HUSKED, BRWN, SHORT GRAIN	LB	225	427	35	431	35			427	35
1306000	RYE	BU	288	1	2						
1306540	WHEAT, UNMILLED, NOT DONATED	BU	44	453	1,683	27,026	1,674				
1312600	OATS, MILLED EX BRKFST CEREAL	LB	256	19	14	19	14				
1313010	RICE, DONATED FOR RELIEF	LB	261	83	12	84	12			83	12
1313015	LG GR PRBL MD RICE, NT RELIEF	LB	19	42,429	4,894	42,451	4,894				
1313025	MD RICE NSPF PRBL, NT RELIEF	LB	235	56	28	56	28				
1313030	MD RICE, LG GRN, X PRBL, NT DON	LB	16	50,641	6,643	50,712	6,643				
1313040	MD RICE, MD GRN, X PRBL, NT DON	LB	125	1,462	305	1,481	305			1,167	248
1313050	MD RICE, SH GRN, X PRBL, NT DON	LB	176	751	148	758	148			751	148
1313060	MD RICE, MX GRN, X PRBL, NT DON	LB	152	3,020	202	3,021	202			39	11
1313070	BROKEN RICE, NOT DONATED	LB	154	1,643	194	1,643	194				
1314020	DRM FLR & SEMOLINA, NT DNATED	CWT	220	3	43	306	43				
1314040	WHEAT FLOUR, NSPF NT DONATED	CWT	164	19	163	1,677	143				
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	131	14	136	190	17			1	10
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	180	19	136						
1321700	MALTS	LB	216	857	49	857	49				
1324020	CORNSTARCH, INCLUDING MILO	LB	191	163	95	12	2	15	7		
1324040	STARCHES, NSPF	LB	153	484	197	7	4	24	13		
1351300	ASPARAGUS, FRESH OR CHILLED	LB	221	60	40			67	37	58	37
1352300	BROCCOLI, FRESH OR CHILLED	LB	286	3	2			3	2		
1352700	CABBAGE, FRESH OR CHILLED	LB	231	175	32	29	7	148	25		
1352900	CARROTS, FRESH OR CHILLED	LB	272	26	6	27	6				
1353300	CELERY, FRESH OR CHILLED	LB	134	1,638	270	1,708	259	45	11		
1353700	SWEET CORN, FRESH OR CHILLED	LB	259	81	13	67	10	16	3		
1354300	LETTUCE, FRESH OR CHILLED	LB	224	274	36	303	36				
1354500	ONIONS, FRSH OR CHLLD, EX SETS	LB	222	95	39	98	39				
1354700	PEPPERS, FRESH OR CHILLED	LB	279	4	3			4	3		
1355300	TOMATOES, FRESH OR CHILLED	LB	195	173	74	210	74				
1355900	VEGETABLES, NSPF, FRH OR CHLD	LB	91	1,263	469	1,546	424	43	45	27	32
1381000	CARROTS, FROZEN	LB	252	109	16	114	16			109	16
1382000	CORN, SWEET, FROZEN	LB	228	139	34	35	9				
1383000	PEAS, FROZEN	LB	212	133	52	136	50	2	2		
1387000	VEGETABLES, NSPF, FROZEN	LB	177	334	142	358	138	6	4	38	19
1400100	BLK BEANS, X SEEDS, DRIED, ETC	LB	245	79	18	39	11			39	11
1400300	GR NRTN BNS, X SEEDS, DRD, ETC	LB	37	12,600	2,091						
1400520	LIMA BEANS, BABY	LB	140	781	249	785	249			664	207
1400540	LIMA BEANS, OTHER THAN BABY	LB	214	157	50	158	50			118	31
1400700	NAVY/PEA BNS, X SEEDS, DRD, ETC	LB	81	6,144	662	4,141	256				
1400800	PINTO BEANS, EX SEEDS, DRD, ETC	LB	61	6,225	998						
1401200	RD KDNY BNS, EX SEEDS, DRD, ETC	LB	96	1,895	451	118	33			117	33
1401500	WHT BNS, NSPF, X SEEDS, DRD, ETC	LB	205	303	61	305	61				
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC	LB	141	1,068	248	408	124			78	24
1402920	BLACKEYE COW PEAS X SEED, DRY	LB	139	83	102	83	102			78	100
1402940	PEAS, NSPF, EXC SEEDS, DRD, ETC	LB	264	22	9	22	9				
1403100	BEANS, SEED	LB	30	5,277	2,750	5,178	2,690			184	125
1403300	PEAS, SEED	LB	138	948	256	971	256				
1403500	LENTILS, DRIED, ETC	LB	193	977	79	979	79				
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	246	8	17			8	17	2	5
1405100	GARLIC, DRIED, ETC., EXC. FLOUR	LB	197	122	73	127	73			116	69
1405300	ONIONS, DRIED, ETC., EXC. FLOUR	LB	53	1,514	1,302	1,618	1,302			812	729
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	128	1,076	296	1,106	296			120	32
1405660	POTATOES, NSPF, DRD, ETC, X FLR	LB	282	11	3	44	3				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	109	135	372	149	372			135	372
1407100	VEGETABLES REDUCED TO FLOUR	LB	63	1,344	946	1,320	848	5	6	1,102	775
1410100	ASPARAGUS, CND, EXCL. PICKLED	LB	104	337	406	416	406			245	273
1410320	DRY BEANS, CND, EXCL. PICKLED	LB	255	42	14	34	10			25	9
1410340	BEANS, CND, NSPF, EXCL. PICKLED	LB	287	3	2	4	2				
1410500	CORN, CANNED, EXCL. PICKLED	LB	146	663	210						
1411100	PEAS, EXC COW & CHICKPEAS, CND	LB	263	30	10	40	10				
1412240	TMTO SC, EX CTSP & CHILI SC	LB	290	5	2						
1412260	TOMATO PASTE, CANNED	LB	217	65	45	77	45				
1412280	TOMATOES, CANNED, NSPF	LB	274	18	5	21	5				
1413200	VEGETABLES, CND, EX PCKLD, NSPF	LB	249	46	17	59	17				
1415700	VEGETABLES, EX CUCUMBERS, PKLD	LB	283	1	2	1	2				
1417500	VEGETABLES, PREP, PRES, NSPF	LB	69	724	809	1,050	809				
1441000	MUSHROOMS, FRESH	LB	262	8	11			5	6		

-- NETHERL CONTINUED ON NEXT PAGE --

TABLE 7.

1985 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1451200	ALMONDS, NOT SHELLD OR ROASTED	LB	40	2,637	1,958	2,664	1,958			2,637	1,958
1452200	PECANS, NOT SHELLD OR ROASTED	LB	143	212	206	221	206				
1452800	WALNUTS, NOT SHLLD OR ROASTED	LB	22	5,603	4,249	5,866	4,249			3,933	2,995
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	211	36	53	43	53			36	53
1453540	NUTS, NSPF, NT SHLD OR ROASTED	LB	170	116	152	116	152				
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	6	13,076	18,369	13,688	18,308	45	62	11,689	16,430
1454900	PECANS, SHELLED, NOT BLANCHED	LB	80	322	567	354	567				
1455100	WALNUTS, SHELLED, NOT BLANCHED	LB	77	721	742	746	724			489	582
1455740	NUTS, NSPF, SHLLD, NOT BLANCHED	LB	123	142	310	155	310			0	3
1456100	ALMONDS, PREPARED, PRESERVED	LB	13	4,536	7,610	4,979	7,589			4,396	7,407
1457520	PISTACHIOS, PREP OR PRESRVD	LB	275	1	4	1	4			1	4
1457545	CASHEWS, PREP OR PRESERVED	LB	265	2	9	2	9				
1457547	OTHER NUTS, PREP OR PRESERVED	LB	160	197	178	187	178				
1459000	MIXTURES OF EDIBLE NUTS	LB	277	3	4	4	4				
1461000	APPLES, FRESH	LB	43	9,328	1,709	9,013	1,402			163	33
1463500	AVOCADOS, FRESH	LB	42	3,040	1,844	2,961	1,670	355	174	288	219
1465500	STRAWBERRIES, FRESH	LB	238	22	23			23	23	10	10
1466500	BERRIES, FRESH, NSPF	LB	84	1,113	539	741	449	51	32	251	169
1463520	CHERRIES, SWEET, FRESH	LB	208	62	59	38	26				
1471500	GRAPEFRUIT, FRESH	LB	7	76,786	15,338	83,642	15,329	14	9	10,910	1,661
1471900	LEMONS, FRESH	LB	89	3,336	489	3,512	489			3,188	464
1472200	LIMES, FRESH	LB	194	445	78			457	78		
1473120	TANGERINES, FRESH	LB	101	1,897	436	1,883	419	71	18	583	144
1473130	TEMPLE ORANGES, FRESH	LB	165	706	167	757	167			387	91
1473140	ORANGES, FRESH, NSPF	LB	50	5,518	1,436	5,826	1,423	40	13	3,430	854
1473500	CITRUS FRUITS, FRESH, NSPF	LB	226	143	34	153	34				
1476500	GRAPES, FRESH	LB	73	1,485	786	1,754	762	19	25	1,212	651
1482000	WATERMELON, FRESH	LB	281	34	3	37	3				
1487500	PEACHES & NECTARINES, FRESH	LB	275	2	4			3	4	2	4
1488500	PEARS, FRESH	LB	87	2,849	512	3,028	492			172	41
1491700	PRUNES AND PLUMS, FRESH	LB	136	681	261	696	261			51	37
1493050	KIWIFRUIT, FRESH	LB	52	1,609	1,339	1,833	1,338			1,179	913
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	20	6,232	4,511	6,480	4,461	52	50		
1497500	BERRIES, FROZEN, NSPF	LB	55	1,723	1,187	1,740	1,187			36	22
1498520	CHERRIES, SWEET, FROZEN	LB	209	72	56	76	56				
1499000	FRUITS, FROZEN, NSPF	LB	149	332	206	286	134	57	72		
1501200	APPLES, DRIED	LB	173	172	139	183	139			63	29
1502200	APRICOTS PEACHES PEARS DRIED	LB	165	45	162	48	162			34	126
1504500	DATES, DRIED	LB	114	388	357	388	295	34	39	337	311
1506500	GRAPES (RAISINS), DRIED	LB	15	9,194	6,372	9,952	6,369	5	3	7,697	5,184
1508000	PRUNES, DRIED	LB	46	2,002	1,622	2,163	1,616	7	6	1,651	1,290
1508500	FRUITS, DRIED, NSPF	LB	210	35	54	39	54				
1510500	FRUIT IN BRINE, NSPF	LB	244	72	19	90	19				
1511000	APRICOTS, PREP OR PRESERVED	LB	213	107	52	126	52			107	52
1512520	CHERRIES, SWEET, NSPF, PREP	LB	124	685	309						
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	271	9	6			10	6		
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	72	1,011	790	1,219	790				
1516000	PEACHES AND NECTARINES, PREP	LB	167	399	159	468	159			399	159
1517000	PEARS, PREPARED OR PRESERVED	LB	204	128	65	153	65			128	65
1518500	FRUIT NSPF, PREP, PRESERVED	LB	162	245	170	262	170			174	116
1519500	FRUIT MIXTURES, NSPF, PREP	LB	145	433	221	538	221			368	187
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	67	3,429	848	4,271	848				
1523000	FRUIT PASTE, PULP, FLOUR ETC	LB	76	2,104	753	2,235	753			16	6
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	172	1,094	150	1,405	150			1,092	148
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	190	456	102	478	102				
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	12	26,907	8,721	330,319	8,721				
1557000	HONEY	LB	99	865	437	735	359	11	6	93	41
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	130	304	288	111	135	23	28	15	15
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	267	13	8	15	8				
1621700	SPICE AND SPICE SEEDS, NSPF	LB	92	484	461	572	432	21	29	192	200
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	230	14	32	141	32				
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	147	246	207	685	207				
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	122	169	316	257	86			9	20
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	33	1,342	2,051	2,766	2,051			73	199
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	115	241	345	414	345				
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	102	251	428	648	428				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	16	5,067	6,148	10,313	6,148			1,769	1,999
1654120	LEMON JUICE, CONC, FRZN	SSG	112	656	364	1,044	364			656	364
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	51	1,191	1,371	2,575	1,371			14	36
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	215	34	49	52	26				
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	93	202	460	527	460			1	2
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	82	305	552	894	552				
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	179	55	137	330	137				
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	133	111	273	645	273			3	4
1663040	VEGETABLE JUICES, NSPF	GAL	240	8	20	8	15	38	5	6	15
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	151	64	203	553	173				
1673100	STILL WINE NT OV 14% ALCOHOL	WG	85	74	533	790	533			56	430
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	207	3	59	113	59			1	9
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	236	7	27	32	27				
1683000	BRANDY	PFG	143	24	230	342	230				
1751500	COTTONSEED	LB	280	8	3						
1751800	FLAXSEED (LINSEED)	LB	250	252	16						
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	121	1,462	323						
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	232	44	30	39	13	5	17		
1761820	COTTONSEED OIL, CRUDE	LB	65	3,872	920	3,878	920				
1761840	COTTONSEED OIL, ONCE-REFINED	LB	94	2,051	455	2,051	455				
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	8	28,749	12,732	28,815	12,732			28,748	12,732
1769130	JOJOBA OIL, UNMIXED	LB	157	33	184	43	181	0	3	33	184
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	111	650	365	725	362	9	3	650	365
1775640	TALLOW, INEDIBLE	LB	5	182,279	30,962	182,083	30,888				
1777385	YELLOW GREASE	LB	90	3,355	482	3,355	482				
1777390	OTHER TALLOW, NSPF	LB	268	31	7			7	2		
1783540	COTTONSEED OIL, HYDROGENATED	LB	199	94	70	99	69				
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	119	1,139	329	1,136	326	7	3	1,102	298

-- NETHERL CONTINUED ON NEXT PAGE --

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1787020	BAKING FATS, MIX OF VEG OILS	LB	227	67	34	72	34				
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	64	3,815	927	3,830	919	7	8	3,530	640
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	206	84	59	7	7				
1824420	CATSUP AND CHILI SAUCE	LB	173	584	150	88	35				
1825120	SOUPS,DRIED OR DEHYDRATED	LB	138	75	116	70	97	1	2		
1825140	SOUPS, N S P F	LB	289	1	2	1	2				
1825600	VINEGAR	GAL	243	23	19						
1829420	POTATO CHIPS AND STICKS	LB	233	43	30	3	4				
1829740	MIXED SEASONINGS	LB	155	149	189	23	58				
1829752	VEGETABLE PROTEIN ISOLATES	LB	27	4,452	3,342	3,804	2,836	21	12		
1829754	VEG PRO CONCENTRATES, ETC	LB	58	2,121	1,065	1,207	584	12	6		
1829760	EDIBLE PREP, NSPF, CANNED	LB	74	1,096	761	1,219	761				
1829770	EDIBLE PREP, NSPF, FROZEN	LB	184	153	127	155	127				
1829780	EDIBLE PREPARATIONS, NSPF	LB	47	1,328	1,613	1,493	1,540	7	12	65	73
1841040	RICE BY-PRODUCTS,ANIMAL FEED	STN	49	18	1,577	36,893	1,577				
1842000	BEET PULP, DRIED	STN	3	383	37,037	765,254	37,037				
1842500	BREWERS' GRAINS, MALT SPROUT	STN	21	48	4,313	96,706	4,313				
1843600	HAY AND STRAW	STN	285	0	2	17	2				
1844500	GRAIN HULLS, SCREENINGS, ETC	STN	4	415	31,513	829,380	31,513				
1845240	COTTONSEED OIL CAKE AND MEAL	STN	95	4	453	7,276	453				
1845280	SUNFLWER OIL CAKE, CAKE-MEAL	STN	32	22	2,594	63,386	2,594				
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	78	6	734	11,132	734				
1845600	MEAT MEAL & TANKAGE,INEDIBLE	STN	284	0	2	42	2				
1846620	MEAT, INEDIBLE, FR, CHLD, FZ	LB	71	3,064	802	3,055	766				
1846640	MEAT & OFFAL, INEDIBLE, NSPF	LB	132	662	274	480	201				
1849005	ALFALFA HAY CUBES	STN	269	0	6	52	6				
1848032	DOG & CAT FOOD, RETAIL SALE	LB	24	6,741	3,779	2,195	1,545			70	90
1848034	PET FOOD NSPF, RETAIL SALE	LB	256	79	14	70	9				
1848035	POULTRY FEEDS, PREPARED	STN	127	1	297	1,404	297				
1848040	DAIRY CATTLE FEED, PREPARED	STN	229	0	34	142	11				
1848045	LIVESTOCK FEED, PREP, NSPF	STN	2	305	39,783	610,616	39,774				
1848070	CITRUS PULP PELLETS	STN	1	422	51,092	844,977	51,092				
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	35	26	2,167	27,453	1,904				
1865700	HAIR AND BRISTLES, NSPF	LB	195	60	74	50	32				
1911520	BULL SEMEN (BOVINE)		23	0	4,020			20	4,020		2,232
1912540	HOOVES, ANTLERS, NAILS, CLAWS		248	0	17	39	17				
1912550	ANIMAL PRODUCTS, CATTLE EMB		70	1	806			1	806		
1912570	ANIMAL PRODUCTS, NSPF		60	0	1,026	1,354	641	16	223		
1921120	CUT FLOWERS, FRSH SPRAYS ETC		48	0	1,606	53	53	1,079	1,543		
1921140	FOLIAGE,ORNAMENTAL PURPOSES		9	0	11,772	10,056	9,463	1,995	2,288		11
1922520	HOP PELLETS	LB	202	31	67						
1922540	HOPS, OTHER	LB	135	39	127						
1923200	HOP EXTRACT AND LUPULIN	LB	36	393	2,165	14	66	0	5		
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	260	91	12	90	9	0	3		
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	33	8	2,479	3,918	2,479			5	1,491
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	88	2	505	791	505			0	134
4523400	LEMON OIL	LB	129	72	292	80	285	0	7	6	56
4524400	ORANGE OIL	LB	110	244	370	271	342	7	27	27	32
7482500	FLOWERS, CUT NATURAL,DRIED		97	0	448	437	438	5	11		7
7482900	OTHER DRIED PLANTS, N.S.P.F.		137	0	261	173	255	5	6		37
	TOTALS FOR NETHERLANDS				$463,860	4,394,109	$416,955	7,630	$19,770		$75,401

PHILIPPINES COUNTRY RANK 21

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK,EGG	NO	24	196	818			23	818	26	118
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	23	288	848			30	848	29	36
1000240	CHICKENS,LIVE,EXC BREEDER	NO	69	304	120			16	120		
1004140	CATTLE,BEEF,BREEDING,FEMALE	NO	99	0	58			13	58		
1007100	HORSES FOR BREEDING	NO	94	0	64			21	64	0	64
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	96	0	63			16	63	0	12
1008300	SWINE, LIVE	NO	60	0	191			52	191		
1009640	LIVE ANIMALS, NSPF		203	0	2			0	2		2
1055120	TURKEYS,WHOLE,FRESH,ETC	LB	127	19	29	19	29			19	29
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	175	7	7	7	7			4	5
1057100	POULTRY LIVERS,FRESH, ETC	LB	56	347	269	359	269				
1058300	BIRD MEAT,PREP,EX CANNED	LB	145	12	16	13	16			12	16
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	36	147	488	149	477	2	11	31	102
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	52	94	275	96	263	2	11	64	141
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	191	2	4	2	4				
1070100	SAUSAGES,ETC,CANNED	LB	115	31	38	40	38			31	38
1070200	SAUSAGES,ETC, EXC CANNED	LB	167	5	10	5	10			5	10
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	61	68	182	65	160	5	21	29	40
1074200	BEEF AND VEAL, CANNED	LB	128	12	28	15	28			12	28
1074600	BEEF & VEAL,EX SAUSAGE,NSPF	LB	105	53	51	59	51			53	51
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	71	73	109	100	109			56	79
1076600	MT & EDBL OFFL,PREP EX CANND	LB	126	10	29	10	29			10	29
1078000	MEAT EXTRACT,INCLUDING FLUID	LB	125	10	30	13	30				
1155020	NONFAT DRY MILK, DONATED	LB	3	68,752	24,118	59,372	24,118			39,580	10,837
1155040	NONFAT DRY MILK,NOT DONATED	LB	12	3,796	2,108	3,904	2,108			1,947	1,073
1155700	DRIED MILK AND CREAM, NSPF	LB	154	18	14	11	4	8	10	18	14
1178200	AMER TYPE CHEESE,EX CHEDDAR	LB	195	1	3	1	3				
1176600	CHEESES, NSPF	LB	51	194	287	216	287			194	287
1180500	WHEY, DRIED	LB	10	8,939	2,493	6,943	2,080			5,675	1,646
1185000	MILK PRODUCTS, NSPF		132	0	23	26	23				2
1195100	SHELL EGGS FOR HATCHING	DOZ	59	95	195			163	196		
1196520	EGG ALBUMEN(WHITES),DRIED	LB	136	11	21	11	21			5	9
1196540	WHL EGGS,OR YLKS,N/SHLL,DRD	LB	121	16	33	17	33			16	33
1197020	EGG ALBUMEN(WHITES),EX DRIED	LB	206	0	2	0	2				
1197040	WHL EGG OR YLK,N/SHLL,EX DRD	LB	160	7	11	7	11			7	11
1256500	ROSE PLANTS		201	0	2			0	2		2

--PHILIPPINES CONTINUED ON NEXT PAGE --

1988 ANNUAL EXPORTS BY COUNTRY

TABLE 7.

QUANTITY AND VALUE IN THOUSANDS

SCHED B				U S TOTAL		VESSEL		AIR		CAL PORTS	
NUMBER	COMMODITY DESCRIPTION	U/M	RANK	QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1266100	ONION SEED	LB	53	16	273	22	247	3	26	16	273
1267100	PEPPER SEED	LB	192	0	4	0	4			0	4
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	157	10	11	10	11			10	11
1271510	CANTALOPE SEED	LB	150	3	15	4	15			3	15
1271515	CUCUMBER SEED	LB	169	1	9	1	9			1	9
1271570	WATERMELON SEED	LB	57	55	221	53	173	17	48	55	221
1271580	VEGETABLE SEEDS, NSPF	LB	29	103	436	114	509	22	125	103	634
1271590	SEEDS, NSPF	LB	156	11	12	11	10	0	2	11	12
1301020	BARLEY FOR MALTING	BU	20	268	1,184	12,546	1,184				
1303465	YELLOW CORN, NOT DONATED	BU	9	984	2,511	55,114	2,511				
1305540	RICE,HUSKED,BROWN,MED. GRAIN	LB	47	5,787	303	5,787	303				
1306520	WHEAT,UNMILLED,DONATED	BU	16	367	1,548	22,044	1,548				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	1	35,485	118,281	2,129,106	118,281				
1313015	LG GR PRBL MD RICE,NT RELIEF	LB	6	34,386	4,701	34,833	4,701				
1313030	MD RICE,LG GRN,X PRBL,NT DON	LB	5	45,274	6,098	45,327	6,098			40,495	5,444
1313040	MD RICE,MD GRN,X PRBL,NT DON	LB	2	246,516	31,940	246,520	31,940			211,905	27,268
1313050	MD RICE,SM GRN,X PRBL,NT DON	LB	171	46	8	46	8			46	8
1314020	DRM FLR & SEMOLINA,NT DNATED	CWT	143	1	16	100	16				
1314030	WHEAT FLOUR,NSPF, DONATED	CWT	30	68	557	6,615	557			56	442
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	77	13	101	1,293	101			13	101
1314050	BULGUR WHEAT, DONATED	CWT	14	160	1,292	16,080	1,292			128	1,188
1321700	MALTS	LB	15	18,176	1,553	18,343	1,553				
1322700	MALT EXTRACT	LB	44	3,575	355	3,730	355				
1324020	CORNSTARCH, INCLUDING MILO	LB	60	1,235	397	1,260	397			651	196
1324040	STARCHES, NSPF	LB	65	519	159	509	149			197	59
1352100	BEANS, FRESH OR CHILLED	LB	66	401	152	421	152				
1353700	SWEET CORN, FRESH OR CHILLED	LB	165	38	10	38	10			38	10
1354000	GARLIC, FRESH OR CHILLED	LB	163	25	10	25	10			3	5
1354500	ONIONS,FRSH OR CHLLD,EX SETS	LB	142	135	16	158	16			135	16
1354700	PEPPERS, FRESH OR CHILLED	LB	203	10	2	11	2			10	2
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	176	17	7	18	7				
1382000	CORN, SWEET, FROZEN	LB	130	107	27	111	27			107	27
1387000	VEGETABLES, NSPF, FROZEN	LB	141	42	16	42	16			42	16
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	25	2,430	737	2,481	737				
1401500	WHT BNS,NSPF,X SEEDS,DRD,ETC	LB	76	390	102	390	102			390	102
1401200	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	101	173	55	178	55			173	55
1402920	BLACKEYE COW PEAS X SEED,DRY	LB	195	40	2	40	2				
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC	LB	72	379	108	384	108			379	108
1403300	PEAS, SEED	LB	92	246	70	273	70			246	70
1405100	GARLIC,DRIED,ETC.,EXC. FLOUR	LB	159	5	11	8	11			8	11
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	109	27	45	30	45			22	39
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	74	369	105	354	105				
1405640	POTATO GRANULES DRY EX FLOUR	LB	110	120	44	121	44				
1405660	POTATOES,NSPF,DRD,ETC,X FLR	LB	185	14	5	14	5				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	79	85	100	87	100			55	100
1407100	VEGETABLES REDUCED TO FLOUR	LB	56	275	230	290	230			245	207
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	196	6	3	6	3			6	3
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	183	11	6	13	6			11	6
1410500	CORN, CANNED, EXCL. PICKLED	LB	42	1,100	395	1,279	395			694	263
1412240	TMTO SC, EX CTSP & CHILI SC	LB	144	36	16	43	16			36	16
1412260	TOMATO PASTE, CANNED	LB	134	27	22	33	22			27	22
1412280	TOMATOES, CANNED, NSPF	LB	148	72	16	86	16			72	16
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	111	103	44	127	44			108	44
1414200	VEGETABLE BABY FOOD, CANNED	LB	107	53	46	87	46			53	46
1415200	CUCUMBERS,PICKLED,W/NOT,CND	LB	162	58	11	79	11			39	9
1417500	VEGETABLES, PREP, PRES, NSPF	LB	137	27	20	27	20				
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	21	1,410	1,183	1,422	1,183			1,336	1,163
1452500	WALNUTS,NOT SHLLD OR ROASTED	LB	84	84	75	91	75			78	69
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	140	6	17	7	17			6	17
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	129	12	27	13	27			12	27
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	108	23	45	25	45			22	42
1455720	PISTACHIOS, SHELLED	LB	161	4	11	4	11			4	11
1456100	ALMONDS, PREPARED, PRESERVED	LB	83	43	90	57	90			43	90
1457542	MACADAMIA, PREP OR PRESERVED	LB	202	0	2	0	2			0	2
1457545	CASHEWS, PREP OR PRESERVED	LB	196	1	3	2	3			1	3
1457547	OTHER NUTS,PREP OR PRESERVED	LB	59	41	73	55	73			41	73
1459000	MIXTURES OF EDIBLE NUTS	LB	68	45	121	53	121			45	121
1461000	APPLES, FRESH	LB	11	9,334	2,460	10,043	2,460			447	140
1473130	TEMPLE ORANGES, FRESH	LB	117	109	34	116	34			109	34
1473140	ORANGES, FRESH, NSPF	LB	37	1,097	428	1,167	428			989	403
1476500	GRAPES, FRESH	LB	13	3,905	1,824	3,998	1,727	246	96	3,632	1,747
1487500	PEACHES & NECTARINES, FRESH	LB	98	67	62	68	62			67	62
1491700	PRUNES AND PLUMS, FRESH	LB	177	13	7	14	7			13	7
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	78	186	100	126	54	80	46	170	95
1497000	STRAWBERRIES, FROZEN	LB	207	1	2	1	2			1	2
1499000	FRUITS, FROZEN, NSPF	LB	133	60	23	62	23			45	17
1501200	APPLES, DRIED	LB	113	16	40	18	40			16	40
1502200	APRICOTS PEACHES PEARS DRIED	LB	135	10	21	11	21			10	21
1504500	DATES, DRIED	LB	164	15	10	17	10			15	10
1506500	GRAPES (RAISINS), DRIED	LB	33	654	517	710	517			600	475
1508000	PRUNES, DRIED	LB	62	214	180	240	180			207	174
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	119	34	34	36	34			34	34
1511000	APRICOTS, PREP OR PRESERVED	LB	193	5	3	6	3			5	3
1512000	MARASCHINO CHERRIES, PREP	LB	103	50	53	63	53			50	53
1513000	BERRIES, PREPARED OR PRES	LB	197	4	3	4	3			4	3
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	46	301	319	645	319			355	229
1515000	OLIVES, CANNED	LB	95	70	63	85	63			68	61
1516000	PEACHES AND NECTARINES, PREP	LB	45	336	332	1,008	332			827	329
1517000	PEARS, PREPARED OR PRESERVED	LB	170	18	9	22	9			18	9
1518500	FRUIT NSPF, PREP, PRESERVED	LB	54	305	215	353	210	6	5	293	206
1519500	FRUIT MIXTURES, NSPF, PREP	LB	19	3,200	1,241	3,787	1,241			2,982	1,187
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	186	17	5	18	5			17	5
1525500	FRUIT BABY FOOD, CANNED	LB	190	4	4	7	4			4	4
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	106	94	67	104	67			94	47

-- PHILIPPINES CONTINUED ON NEXT PAGE--

TABLE 7.

1986 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1533000	JAMS, JELLIES MARMALADES ETC	LB	100	84	57	93	57			84	57
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	177	6	7	7	7			6	7
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	139	87	18	88	18				
1553000	LIQUID SUGAR & SUGAR SIRUPS	LTS	158	20	11	21	11			6	2
1557000	HONEY	LB	32	613	524	659	524			609	520
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	50	236	291	279	291			159	154
1604500	COFFEE SUBSTITUTES & MIXTURE	LP	204	0	2	1	2			0	2
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	147	35	16	41	16			35	16
1618100	RED PEPPER	LB	118	18	34	24	34			18	34
1621700	SPICE AND SPICE SEEDS, NSPF	LB	64	120	173	140	171	2	2	94	141
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	165	4	10	30	10			4	10
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	138	10	20	64	20			10	20
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	91	103	71	189	71			59	60
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	63	89	174	499	174			6	14
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	41	195	395	1,213	395			156	287
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	200	1	2	2	2				
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	152	5	14	10	14			5	14
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	167	5	10	12	10				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	39	381	409	417	409			304	314
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	123	12	30	44	30				
1655400	GRAPE JUICE CONCENTRATED FRZ	SSG	180	6	6	7	6				
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	174	4	8	10	8			2	4
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	153	5	16	2	2	9	12	1	2
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	209	1	2	1	2			1	2
1658300	FRUIT JUICES NSPF CONC NT FZ	SSG	155	20	12	9	12				
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	172	2	8	21	8			2	8
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	93	27	66	172	66			7	10
1673100	STILL WINE NT OV 14% ALCOHOL	WG	38	98	418	1,640	416	1	3	98	418
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	80	17	95	217	95			17	95
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	90	20	72	303	72			20	72
1683000	BRANDY	PFG	86	9	74	88	74			9	74
1756020	SAFFLOWER SEED	LB	184	32	5	32	5				
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	116	35	37	41	37			35	37
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	85	130	74	143	74			130	74
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	179	5	6	5	6			5	6
1775640	TALLOW, INEDIBLE	LB	8	13,513	2,676	13,513	2,676			6,393	1,230
1775900	WOOL GREASE	LB	189	2	4	1	3	1	2		
1777390	OTHER TALLOW, NSPF	LB	188	20	4			21	4	20	6
1781140	VEG SALAD OIL, NOT RELIEF	LB	199	8	2	9	2			8	2
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	75	288	103	301	103			287	100
1786000	SALAD & COOKING OIL, MIXTURE	LB	173	17	8	21	8			17	8
1787020	BAKING FATS, MIX OF VEG OILS	LB	181	6	6	7	6			6	6
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	87	73	73	79	73			54	54
1821200	BALLS,ETC,VEG A/OR MT OR FSH	LB	182	7	6	9	6			2	4
1824420	CATSUP AND CHILI SAUCE	LB	81	265	95	411	95			262	93
1825120	SOUPS,DRIED OR DEHYDRATED	LB	151	3	15	4	15			3	15
1825140	SOUPS, N S P F	LB	31	877	536	1,099	536			847	527
1825600	VINEGAR	GAL	205	1	2	7	2			1	2
1829420	POTATO CHIPS AND STICKS	LB	22	898	1,069	1,093	1,069			573	785
1829740	MIXED SEASONINGS	LB	114	35	39	37	39			35	39
1829742	VEG FLOURS & GRITS, DEFATTED	LB	49	2,357	295	2,592	295			1,852	232
1829752	VEGETABLE PROTEIN ISOLATES	LB	26	737	706	753	706			649	616
1829754	VEG PRO CONCENTRATES, ETC	LB	27	739	680	770	678	5	2	395	518
1829760	EDIBLE PREP, NSPF, CANNED	LB	48	241	295	291	295			223	278
1829770	EDIBLE PREP, NSPF, FROZEN	LB	120	18	34	17	30	1	3	16	30
1829780	EDIBLE PREPARATIONS, NSPF	LB	14	1,557	1,646	1,704	1,626	1	20	1,444	1,488
1841020	WHEAT BY-PRODCTS,ANIMAL FEED	STN	131	0	24	589	24			0	24
1841060	BRAN,ETC FRM MLLNG GRN,NSPF	STN	88	1	73	2,809	73			1	73
1842500	BREWERS' GRAINS, MALT SPROUT	STN	122	0	32	731	32			0	32
1844800	GRAIN HULLS, SCREENINGS, ETC	STN	187	0	5	122	5				
1845600	MEAT MEAL & TANKAGE,INEDIBLE	STN	70	1	119	1,892	119			1	119
1848032	DOG & CAT FOOD, RETAIL SALE	LB	73	348	106	370	106			239	92
1848034	PET FOOD NSPF, RETAIL SALE	LB	35	878	499	932	499			812	457
1848035	POULTRY FEEDS, PREPARED	STN	55	0	263	1,014	263			0	3
1848045	LIVESTOCK FEED, PREP, NSPF	STN	17	4	1,452	8,156	1,330			2	800
1848070	CITRUS PULP PELLETS	STN	149	0	16	78	16			0	16
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	28	2	646	4,964	646			1	413
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	102	39	53	41	53				
1865700	HAIR AND BRISTLES, NSPF	LB	97	24	63	25	63			4	6
1911520	BULL SEMEN (BOVINE)		112	0	42			0	42		28
1920600	SEAWEED AND CARRAGEENIN	LB	124	6	30	5	23	2	7	2	8
1922520	HOP PELLETS	LB	67	84	122	93	122			4	23
1923200	HOP EXTRACT AND LUPULIN	LB	7	344	3,428	346	3,422	1	6		
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	82	18	92	17	88	2	3	1	3
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	34	2	514	1,474	514			2	514
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	4	69	20,860	36,280	20,860			65	19,682
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	43	1	369	516	369			1	369
4523400	LEMON OIL	LB	146	5	16	6	16			5	14
4524400	ORANGE OIL	LB	104	10	52	11	48	0	4	2	14
	TOTALS FOR PHILLIPPINES				$257,672	2,790,451	$254,252	772	$2,875		$89,979

SAUDI ARABIA COUNTRY RANK 18

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK,EGG	NO	111	14	66			2	66		
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	77	80	159			12	159		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	159	27	25			3	25		
1004180	CATTLE,DAIRY,BREEDING,FEMALE	NO	32	1	701			593	701	0	319
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	28	0	[illegible]			27	760		
1009640	LIVE ANIMALS, NSPF		196	0	6			1	6		
1054120	CHICKENS,YOUNG,WHOLE,FRESH	LB	73	334	170	347	170				

— SAUDI ARABIA CONTINUED ON NEXT PAGE --

TABLE 7.

1983 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1054140	CHICKENS,EX YOUNG, WHOLE	LB	35	63	106	68	106			12	8
1054160	CHICKEN PIECES,FRESH, ETC.	LB	11	3,898	2,475	3,985	2,475			344	251
1055120	TURKEYS,WHOLE,FRESH,ETC	LB	68	251	199	263	199			132	121
1055140	TURKEY PIECES,FRESH, ETC	LB	132	27	41	27	41			27	41
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	66	236	199	246	199			206	166
1057100	POULTRY LIVERS,FRESH, ETC	LB	204	5	4	6	4			2	2
1058100	BIRD MEAT, CANNED	LB	162	19	22	19	22				
1058300	BIRD MEAT,PREP,EX CANNED	LB	99	31	80	34	80				
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	8	1,297	3,181	1,377	3,181				
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	37	331	545	345	545			96	155
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	191	4	11	4	11				
1065100	HORSEMEAT,CRCSS,FRESH,ETC	LB	178	12	13			14	13		
1068200	BEEF TONGUES, FRESH, ETC	LB	104	49	72	51	72				
1068400	BEEF LIVER, FRESH, ETC	LB	177	56	13	59	13				
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	199	2	5			2	5		
1069000	LAMB OFFAL,FRESH,CHILLED,ETC	LB	35	1,629	594	1,573	594				
1070100	SAUSAGES,ETC,CANNED	LB	80	135	140	163	140				
1070200	SAUSAGES,ETC, EXC CANNED	LB	51	200	314	215	314			160	239
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	21	563	1,100	606	1,100			9	20
1073840	VEAL,EX CRCSS,FRESH,ETC	LB	160	19	25	2C	25				
1074200	BEEF AND VEAL, CANNED	LB	172	16	16	20	16				
1074600	BEEF & VEAL,EX SAUSAGE,NSPF	LB	17	618	1,269	691	1,269			35	59
1076600	MT & EDBL OFFL,PREP EX CANND	LB	135	35	38	47	38			35	38
1078000	MEAT EXTRACT,INCLUDING FLUID	LB	100	91	77	120	77				
1154000	MLK & CRM,CNDNS/EVAP,NT CNND	LB	44	2,166	396	2,389	396				
1155040	NONFAT DRY MILK,NOT DONATED	LB	55	538	276	552	276			538	276
1163000	MARGARINE,INCLDNG OLEO	LB	102	119	74	127	74				
1171700	CHEDDAR CHEESE	LB	43	229	413	281	409	1	3		
1173200	AMER TYPE CHEESE,EX CHEDDAR	LB	128	45	45	49	45				
1175600	CHEESES, NSPF	LB	156	18	26	18	24	1	2	12	7
1180500	WHEY, DRIED	LB	151	123	29	131	29				
1181200	INFNTS DIET SUPP,DRY MILK	LB	191	1	7			1	7		
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	33	394	651	527	651				
1182500	ICE CREAM	GAL	175	7	14	38	14				
1186000	MILK PRODUCTS, NSPF		148	0	30	12	30				
1195100	SHELL EGGS FOR HATCHING	DOZ	203	3	5			0	5		
1201400	CATTLE HIDES, WHOLE	PC	129	1	44	25	44				
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		115	0	59			19	59		
1255200	FRUIT AND NUT PLANTS, ETC		38	0	544	112	417	14	127		22
1258100	LIVE PLANTS, NSPF		53	0	296	216	227	3	69		204
1260120	ALFALFA SEED, UNCERTIFIED	LB	29	495	710	494	708	2	3	492	708
1260140	ALFALFA SEED, CERTIFIED	LB	9	2,103	3,155	2,114	3,155			2,103	3,155
1261700	SEED, CARROT	LB	76	44	160	49	153	5	7	40	153
1263200	CLOVER SEED, NSPF	LB	182	33	11	34	11			33	11
1264100	FLOWER SEED	LB	179	0	12			0	12	0	4
1266100	ONION SEED	LB	163	2	21	1	11	2	10	1	11
1267100	PEPPER SEED	LB	180	1	11	1	11			1	11
1271220	SUDAN GRASS SEED	LB	75	541	161	547	161			541	161
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	78	87	149	86	146	2	3	83	123
1271510	CANTALOPE SEED	LB	107	20	69	23	60	3	9	20	69
1271515	CUCUMBER SEED	LB	146	6	31	6	23	2	7	4	23
1271530	LETTUCE SEED	LB	189	2	7	3	7			2	7
1271545	SQUASH SEED	LB	184	1	11	2	11			1	11
1271560	TOMATO SEED	LB	58	20	264	19	201	6	44	15	183
1271570	WATERMELON SEED	LB	64	62	211	75	211			58	185
1271580	VEGETABLE SEEDS, NSPF	LB	10	1,058	2,949	1,110	2,864	18	85	1,044	2,777
1271590	SEEDS, NSPF	LB	41	176	444	196	424	2	19	99	329
1301020	BARLEY FOR MALTING	BU	137	13	38	602	38			13	38
1301040	BARLEY, OTHER THAN MALTING	BU	3	17,578	44,643	843,753	44,643			46	320
1303420	SWEET CORN SEED, NOT DONATED	LB	145	14	32	15	32			7	16
1303440	CORN SEED,EXC SWT,NT DONATED	LB	86	155	106	161	106				
1303465	YELLOW CORN, NOT DONATED	BU	2	23,041	61,109	1,290,260	61,109				
1303475	CORN, NSPF, NOT DONATED	BU	48	145	326	5,123	326				
1304020	GRAIN SORGHUM SEED	LB	5	53,112	9,096	53,192	9,096			53,097	9,088
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	170	4	16	233	16				
1305520	RICE,HUSKED,BROWN,LONG GRAIN	LB	188	42	8	43	8			42	8
1306000	RYE	BU	123	23	50	1,315	50			23	50
1306540	WHEAT,UNMILLED,NOT DONATED	BU	4	5,131	38,199	302,940	38,199			3,530	31,546
1313015	LG GR PRBL HD RICE,NT RELIEF	LB	1	419,261	99,095	426,650	99,095				
1313025	HD RICE NSPF PRBL, NT RELIEF	LB	136	218	38	221	38				
1313030	HD RICE,LG GRN,X PRBL,NT DON	LB	52	1,030	304	1,049	304				
1313040	HD RICE,MD GRN,X PRBL,NT DON	LB	23	4,198	852	4,226	852			4,198	852
1313050	HD RICE,SH GRN,X PRBL,NT DON	LB	208	8	3	9	3				
1313060	HD RICE,MX GRN,X PRBL,NT DON	LB	152	168	27	169	27			168	27
1324020	CORNSTARCH, INCLUDING MILO	LB	185	24	10	25	10				
1324040	STARCHES, NSPF	LB	143	78	32	88	32				
1353300	CELERY, FRESH OR CHILLED	LB	192	7	7			8	7	7	7
1354500	ONIONS,FRSH OR CHLLD,EX SETS	LB	215	14	2	14	2			14	2
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	195	6	6			7	6	6	6
1382000	CORN, SWEET, FROZEN	LB	127	151	45	156	45			9	2
1387000	VEGETABLES, NSPF, FROZEN	LB	50	549	325	599	325			375	215
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	142	113	33	114	33				
1401800	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	118	195	55	198	55			195	55
1402920	BLACKEYE COW PEAS X SEED,DRY	LB	92	361	91	367	91			350	89
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC	LB	149	157	29	161	29			78	21
1403100	BEANS, SEED	LB	72	223	182	234	182			72	53
1403300	PEAS, SEED	LB	214	2	2	2	2			2	2
1404100	LEF. VEGS NSPF EX FLOUR, DRY	LB	174	15	14	16	14				
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	210	2	2	12	2				
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	144	164	32	173	32				
1405660	POTATOES,NSPF,DRD,ETC,X FLR	LB	161	42	23	45	23				
1407100	VEGETABLES REDUCED TO FLOUR	LB	121	42	53	46	53			42	53
1410100	ASPARAGUS,CND,EXCL. PICKLED	LB	126	75	46	83	46			13	7
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	74	538	162	630	162			503	148

--SAUDI ARABIA CONTINUED ON NEXT PAGE--

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	46	1,405	351	1,695	351				
1410500	CORN, CANNED, EXCL. PICKLED	LB	47	1,005	327	1,224	327			67	15
1411100	PEAS,EXC COW & CHICKPEAS,CND	LB	105	223	71	278	71			33	10
1412220	TOMATO PULP (PUREE), CANNED	LB	183	36	11	63	11			36	11
1412240	TMTO SC, EX CTSP & CHILI SC	LB	83	163	99	337	99			87	32
1412260	TOMATO PASTE, CANNED	LB	140	47	35	77	35			47	35
1412280	TOMATOES, CANNED, NSPF	LB	139	98	35	116	35			98	35
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	36	1,480	577	1,862	577			47	42
1414200	VEGETABLE BABY FOOD, CANNED	LB	103	183	74	196	74				
1415200	CUCUMBERS,PICKLED,W/NOT,CND	LB	90	376	95	489	95				
1415700	VEGETABLES,EX CUCUMBERS,PKLD	LB	93	187	119	250	119				
1417500	VEGETABLES, PREP, PRES, NSPF	LB	87	361	103	421	103				
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	56	320	267	327	267			64	61
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	166	20	19	20	19			20	19
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	62	98	213	102	213			72	155
1453540	NUTS,NSPF,NT SHLD OR ROASTED	LB	122	36	52	37	52				
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	13	1,202	1,816	1,258	1,816			1,145	1,735
1454900	PECANS,SHELLED,NOT BLANCHED	LB	155	5	26	8	26			5	26
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	167	25	19	28	19			25	19
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	91	62	95	68	95			14	37
1456100	ALMONDS, PREPARED, PRESERVED	LB	14	1,162	1,733	1,227	1,725	5	7	1,162	1,733
1457520	PISTACHIOS, PREP OR PRESRVD	LB	32	55	120	56	120			55	120
1457547	OTHER NUTS,PREP OR PRESERVED	LB	42	459	441	462	441			211	251
1459000	MIXTURES OF EDIBLE NUTS	LB	133	23	39	31	39				
1461000	APPLES, FRESH	LB	6	30,281	5,336	33,043	5,336				
1465500	STRAWBERRIES, FRESH	LB	173	4	15			4	15		
1471500	GRAPEFRUIT, FRESH	LB	138	44	36	44	36				
1473500	CITRUS FRUITS, FRESH, NSPF	LB	20	3,609	1,149			3,878	1,149	3,376	1,088
1476500	GRAPES, FRESH	LB	45	964	394	1,133	394			232	138
1488500	PEARS, FRESH	LB	15	6,311	1,412	7,129	1,412				
1493050	KIWIFRUIT, FRESH	LB	147	86	30	97	30			86	30
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	65	332	207			363	207	326	205
1497000	STRAWBERRIES, FROZEN	LB	197	7	6	7	6				
1502200	APRICOTS PEACHES PEARS DRIED	LB	136	8	8	9	8			8	8
1504500	DATES, DRIED	LB	207	3	3	4	3				
1505200	FIGS, DRIED	LB	201	15	5	16	5			15	5
1506500	GRAPES (RAISINS), DRIED	LB	16	1,875	1,277	2,000	1,277			1,868	1,267
1508000	PRUNES, DRIED	LB	61	365	216	394	216			365	216
1508500	FRUITS, DRIED, NSPF	LB	169	4	18	4	18				
1510500	FRUIT IN BRINE, NSPF	LB	93	123	89	175	88				
1511000	APRICOTS, PREP OR PRESERVED	LB	97	144	86	169	84			34	21
1512000	MARASCHINO CHERRIES, PREP	LB	84	147	109	177	109			6	6
1512520	CHERRIES, SWEET, NSPF, PREP	LB	117	83	55	125	55				
1513000	BERRIES, PREPARED OR PRES	LB	193	8	6	10	6			8	6
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	205	5	4	5	4			5	4
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	212	2	2	2	2			2	2
1515000	OLIVES, CANNED	LB	176	7	13	10	13			7	13
1516000	PEACHES AND NECTARINES, PREP	LB	57	618	261	760	261			136	87
1517000	PEARS, PREPARED OR PRESERVED	LB	109	154	67	187	67			31	16
1518500	FRUIT NSPF, PREP, PRESERVED	LB	124	75	49	88	49			2	2
1519500	FRUIT MIXTURES, NSPF, PREP	LB	25	1,704	834	2,180	834			542	298
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	112	162	64	177	64				
1533000	JAMS, JELLIES MARMALADES ETC	LB	54	422	278	477	276	2	2	59	41
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	130	82	43	82	43				
1552045	RAW SUGAR, BEET OR CANE	STN	158	0	25	73	25				
1553000	LIQUID SUGAR & SUGAR SIRUPS	LTS	134	42	39	48	39				
1557000	HONEY	LB	12	2,962	2,055	3,642	2,051	3	5		
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	131	54	41	62	41			25	16
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	150	56	28	119	28				
1621700	SPICE AND SPICE SEEDS, NSPF	LB	15	612	1,251	851	1,251			52	80
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	70	71	197	1,278	197				
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	49	239	325	1,317	325				
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	94	[illegible]	87	158	87				
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	165	7	20	65	20				
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	19	981	1,228	4,097	1,228			99	205
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	119	134	55	228	55				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	120	20	54	91	54			15	40
1654120	LEMON JUICE, CONC, FRZN	SSG	154	11	27	39	27			11	27
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	113	24	61	104	61				
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	81	61	122	183	120	1	2		
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	206	5	4	29	4				
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	31	501	703	1,121	703				
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	30	564	707	1,369	707				
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	108	33	68	319	68			4	8
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	34	263	626	1,466	626				
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	106	22	71	202	71				
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	24	9,066	836	9,227	836			9,066	836
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	67	320	199	365	196	1	3		
1775640	TALLOW, INEDIBLE	LB	60	882	225	889	225				
1781140	VEG SALAD OIL, NOT RELIEF	LB	116	131	57	135	57			86	38
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	98	186	81	210	81			184	78
1787020	BAKING FATS, MIX OF VEG OILS	LB	27	1,860	785	2,019	785			5	3
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	96	269	85	288	85			200	51
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	211	2	2	2	2				
1821200	BALLS,ETC,VEG A/OR MT OR FSH	LB	79	142	144	157	144				
1823120	OATMEAL,ETC,ROLLED,FLKD,ETC	LB	168	50	19	64	19				
1824420	CATSUP AND CHILI SAUCE	LB	39	1,784	528	2,810	528			126	34
1825120	SOUPS,DRIED OR DEHYDRATED	LB	157	25	25	29	25			22	19
1825140	SOUPS, N S P F	LB	202	1	5	1	5				
1825600	VINEGAR	GAL	69	162	198	1,027	198				
1827000	WILD RICE CRUDE OR PROCESSED	LB	198	1	5	2	5				
1829420	POTATO CHIPS AND STICKS	LB	26	766	831	983	831			175	191
1829740	MIXED SEASONINGS	LB	101	67	77	92	72	5	5		
1829744	VEG FLOUR/GRITS NON-DEFATTED	LB	187	7	8	7	8				

--SAUDI ARABIA CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1829754	VEG PRO CONCENTRATES, ETC	LB	141	88	34	92	34			88	34
1829760	EDIBLE PREP, NSPF, CANNED	LB	59	295	237	348	237			23	23
1829770	EDIBLE PREP, NSPF, FROZEN	LB	40	299	473	308	473				
1829780	EDIBLE PREPARATIONS, NSPF	LB	7	6,306	6,269	5,160	6,161	105	108	114	142
1841020	WHEAT BY-PRODCTS,ANIMAL FEED	STN	209	0	3	63	3				
1844800	GRAIN HULLS, SCREENINGS, ETC	STN	153	1	27	1,077	27			1	27
1848005	ALFALFA HAY CUBES	STN	110	0	66	765	66			0	60
1848010	ALFALFA MEAL, SUN CURED	STN	114	0	61	636	61				
1848032	DOG & CAT FOOD, RETAIL SALE	LB	71	376	193	406	193				
1848034	PET FOOD NSPF, RETAIL SALE	LB	95	97	86	95	80	6	6		
1848035	POULTRY FEEDS, PREPARED	STN	171	0	16	73	16				
1848045	LIVESTOCK FEED, PREP, NSPF	STN	89	0	97	179	97			0	58
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	164	1	20	1,153	20				
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	190	0	7			0	7		
1865700	HAIR AND BRISTLES, NSPF	LB	125	37	46	38	46				
1911520	BULL SEMEN (BOVINE)		22	0	1,005			5	1,005		146
1921140	FOLIAGE,ORNAMENTAL PURPOSES		213	0	2			0	2		
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	63	2,937	212	2,939	212				
3003021	COTTON LINTERS, OTHER	LB	200	43	5	44	5				
4524400	ORANGE OIL	LB	196	1	6	0	3	0	3		
	TOTALS FOR SAUDI ARABIA				$316,357	3,063,102	$311,614	5,128	$4,744		$62,356
	- SOUTH KOREA COUNTRY RANK 2										
1000210	CHICKENS, BREEDER STOCK,EGG	NO	96	84	161			3	161		
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	36	99	898			15	898		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	214	4	10			1	10		
1001000	CHICKENS, DUCKS, ETC. NSPF	NO	254	1	2			1	2		
1004160	CATTLE,DAIRY,BREEDING,MALE	NO	139	0	60			2	60		
1004180	CATTLE,DAIRY,BREEDING,FEMALE	NO	137	0	61			11	61	0	13
1007100	HORSES FOR BREEDING	NO	215	0	10			1	10		
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	57	0	439			23	439		
1008300	SWINE, LIVE	NO	65	1	366			56	366		
1009620	ANIMALS,LIVE,NSPF FOR FOOD	NO	250	0	2			1	2	0	2
1009640	LIVE ANIMALS, NSPF		49	0	531			27	531		19
1054120	CHICKENS,YOUNG,WHOLE,FRESH	LB	216	18	10	19	10			15	8
1054160	CHICKEN PIECES,FRESH, ETC.	LB	156	72	42	67	38	8	4	58	35
1055120	TURKEYS,WHOLE,FRESH,ETC	LB	113	121	104	124	104			65	57
1055140	TURKEY PIECES,FRESH, ETC	LB	205	57	14	60	14			57	14
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	132	110	70	115	70			57	52
1057100	POULTRY LIVERS,FRESH, ETC	LB	126	179	79			185	79	179	79
1058300	BIRD MEAT,PREP,EX CANNED	LB	182	13	25	14	25			13	25
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	12	2,979	6,027	2,821	5,210	356	817	2,769	5,823
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	7	8,284	17,619	8,178	16,447	403	1,172	8,108	17,319
1061050	VEAL,CRCSS,FRESH,CHILLED,ETC	LB	149	29	51	7	27	24	24	29	51
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	87	69	194	70	194			13	42
1065200	MEAT,CRCSS,NSPF,FRESH,ETC	LB	61	176	393	157	340	30	53	165	369
1068200	BEEF TONGUES, FRESH, ETC	LB	77	222	266	231	266			222	266
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	39	683	807	508	299	200	507	683	807
1068800	VEAL OFFAL,FRESH,CHILLED,ETC	LB	127	85	77			90	77	85	77
1069000	LAMB OFFAL,FRESH,CHILLED,ETC	LB	118	49	93	46	91	4	3	4	3
1070200	SAUSAGES,ETC, EXC CANNED	LB	117	60	96	22	38	43	58	60	96
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	29	752	1,332	714	1,151	69	182	725	1,273
1073840	VEAL,EX CRCSS,FRESH,ETC	LB	173	10	28			11	28	10	28
1074200	BEEF AND VEAL, CANNED	LB	129	65	76	71	72	4	4	32	34
1074600	BEEF & VEAL,EX SAUSAGE,NSPF	LB	51	87	477	20	66	70	411	86	459
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	200	14	15	15	15				
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	71	185	294	183	279	37	14	117	161
1076600	MT & EDBL OFFL,PREP EX CANND	LB	35	272	209	267	154	14	56	259	154
1154000	MLK & CRM,CNDNS/EVAP,NT CNND	LB	112	120	108	122	108				
1155040	NONFAT DRY MILK,NOT DONATED	LB	148	160	52	163	52				
1160100	BUTTER	LB	91	222	184			234	184	222	184
1163000	MARGARINE,INCLDNG OLEO	LB	208	17	14	19	14			17	14
1173200	AMER TYPE CHEESE,EX CHEDDAR	LB	122	52	86	57	82	2	4	22	32
1178600	CHEESES, NSPF	LB	97	94	158	25	38	77	120	86	146
1180500	WHEY, DRIED	LB	23	8,190	1,722	8,430	1,689			4,640	1,050
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	232	7	6			7	6		
1182500	ICE CREAM	GAL	121	28	86	38	86			28	86
1186000	MILK PRODUCTS, NSPF		36	0	205	118	205				147
1196520	EGG ALBUMEN(WHITES),DRIED	LB	193	87	20	93	20			87	20
1197020	EGG ALBUMEN(WHITES),EX DRIED	LB	41	762	752	816	752			389	378
1201400	CATTLE HIDES, WHOLE	PC	1	9,960	636,864	572,821	635,182	39	31	5,803	375,632
1201720	WHOLE CALF SKINS	PC	143	2	58	31	40	12	18	2	40
1201740	WHOLE KIP SKINS	PC	84	12	214	199	214			8	127
1201755	CATTLE HIDE CROUPONS ETC	PC	40	25	775	580	759	2	17	9	309
1201765	BOVINE HIDES,EXC WHOLE,NSPF	LB	28	3,020	1,335	3,269	1,323	42	12	1,464	436
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	15	664	3,305	1,757	2,900	28	405	481	2,907
1202092	PIG AND HOG SKINS	NO	33	377	1,064	2,036	1,064			269	726
1202095	OTHER HIDES AND SKINS,NSPF	NO	22	0	1,726	638	1,462	15	264		1,226
1230000	SHEEP,ETC,SKNS,WML,FOR FURS	NO	16	265	3,004	2,037	2,982	1	22	257	2,948
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		177	0	26	29	26				26
1255200	FRUIT AND NUT PLANTS, ETC		256	0	2			1	2		2
1258100	LIVE PLANTS, NSPF		248	0	3			0	3		
1260120	ALFALFA SEED, UNCERTIFIED	LB	265	2	3	2	3				
1260140	ALFALFA SEED, CERTIFIED	LB	213	7	10	7	10			2	3
1260300	SUGAR BEET SEED	LB	210	4	13			5	13	4	13
1263140	WHITE CLOVER SEED	LB	217	10	9	10	9				
1264100	FLOWER SEED	LB	110	1	112			1	112	1	26
1268700	TREE AND SHRUB SEEDS	LB	168	2	31			2	31	0	2
1271220	SUDAN GRASS SEED	LB	43	1,186	723	1,186	723			1,082	650

-- SOUTH KOREA CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	43	510	555	514	555			126	253
1271530	LETTUCE SEED	LB	234	1	6	1	6			1	6
1271560	TOMATO SEED	LB	259	0	2	0	2			0	2
1271580	VEGETABLE SEEDS, NSPF	LB	175	6	26	6	24	0	2	2	9
1271590	SEEDS, NSPF	LB	176	6	26	1	3	6	24	0	3
1301700	BUCKWHEAT AND CANARY SEED	LB	258	14	2			14	2		
1303440	CORN SEED,EXC SWT,NT DONATED	LB	46	353	613	361	613			209	370
1303465	YELLOW CORN, NOT DONATED	BU	2	156,846	428,859	8,730,775	428,859			44	173
1303475	CORN, NSPF, NOT DONATED	BU	55	227	443	12,705	443			11	24
1304020	GRAIN SORGHUM SEED	LB	69	421	305	432	305			317	236
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	228	2	7	83	7			2	7
1304500	OATS	BU	39	103	189	3,311	189				
1306000	RYE	BU	224	3	7	155	7				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	4	75,082	286,127	4,505,711	286,127				
1312600	OATS,MILLED EX BRKFST CEREAL	LB	190	38	22	38	22			38	22
1313030	MD RICE,LG GRN,X PRBL,NT DON	LB	229	19	6	19	6				
1313040	MD RICE,MD GRN,X PRBL,NT DON	LB	204	76	15	79	15			76	15
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	220	0	8	12	8			0	8
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	189	1	22	111	22			0	3
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	163	5	36	510	36			2	16
1324020	CORNSTARCH, INCLUDING MILO	LB	54	1,069	456	1,094	456			519	274
1324040	STARCHES, NSPF	LB	76	679	273	756	273			44	35
1351800	ASPARAGUS, FRESH OR CHILLED	LB	146	35	54	41	54			35	54
1352100	BEANS, FRESH OR CHILLED	LB	244	8	4	8	4			8	4
1352300	BROCCOLI, FRESH OR CHILLED	LB	154	171	45			206	45	171	45
1353300	CELERY, FRESH OR CHILLED	LB	203	77	15	83	15			77	15
1353700	SWEET CORN, FRESH OR CHILLED	LB	249	9	3			8	3	9	3
1354330	LETTUCE, FRESH OR CHILLED	LB	162	85	37			91	37	85	37
1354920	POTATOES, WHITE, FR FOR SEED	LB	157	44	42	44	42				
1354940	POTATOES, WHITE, FR EX SEED	LB	179	76	26	80	26				
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	207	22	14	11	9	15	5	22	12
1381000	CARROTS, FROZEN	LB	255	2	2	2	2			2	2
1382000	CORN, SWEET, FROZEN	LB	151	106	46	108	46				
1383000	PEAS, FROZEN	LB	100	300	145	311	145			130	56
1387000	VEGETABLES, NSPF, FROZEN	LB	70	441	300	455	284	35	16	320	217
1400520	LIMA BEANS,BABY	LB	138	195	61	195	61			195	61
1400700	NAVY/PEA BNS,X SEEDS,DRD,ETC	LB	114	433	104			437	104	433	104
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	231	48	6	49	6			48	6
1401800	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	119	202	88			204	88		
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	235	12	5			13	5	12	5
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	181	25	25			29	25		
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	130	1	25			1	25		
1407100	VEGETABLES REDUCED TO FLOUR	LB	50	358	530	95	56	279	473	48	44
1410100	ASPARAGUS,CND,EXCL. PICKLED	LB	172	58	31			66	31	58	31
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	120	329	87	373	87			329	87
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	59	1,010	396	1,111	396			926	374
1410500	CORN, CANNED, EXCL. PICKLED	LB	106	286	124	319	124			76	55
1412220	TOMATO PULP (PUREE), CANNED	LB	196	64	18	84	18			64	18
1412240	TMTO SC, EX CTSP & CHILI SC	LB	199	29	17	39	17			29	17
1412260	TOMATO PASTE, CANNED	LB	45	1,557	682	1,758	682			1,511	664
1412280	TOMATOES, CANNED, NSPF	LB	206	48	14	56	14			48	14
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	198	45	17	58	17			45	17
1414200	VEGETABLE BABY FOOD, CANNED	LB	183	64	22	113	22			64	22
1415200	CUCUMBERS,PICKLED,W/NOT,CND	LB	52	1,906	471	2,403	462	7	9	441	212
1415700	VEGETABLES,EX CUCUMBERS,PKLD	LB	141	79	59	81	57	4	2	64	41
1417500	VEGETABLES, PREP, PRES, NSPF	LB	167	40	34	42	34			40	34
1442500	MUSHROOMS, CANNED	LB	252	2	2			2	2	2	2
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	236	4	5	0	2	4	3	4	5
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	174	39	28	39	28				
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	10	3,977	6,168	4,185	6,168			3,977	6,168
1454900	PECANS,SHELLED,NOT BLANCHED	LB	257	1	2	1	2			1	2
1456100	ALMONDS, PREPARED, PRESERVED	LB	79	146	253	162	250	2	3	146	253
1457542	MACADAMIA, PREP OR PRESERVED	LB	161	6	37	2	14	5	23	0	3
1457545	CASHEWS, PREP OR PRESERVED	LB	186	33	24	33	24			33	24
1457547	OTHER NUTS,PREP OR PRESERVED	LB	140	16	59	21	59			16	59
1459000	MIXTURES OF EDIBLE NUTS	LB	123	36	82	46	82			36	82
1461000	APPLES, FRESH	LB	192	70	20	76	20			34	8
1465500	STRAWBERRIES, FRESH	LB	242	1	4			2	4	1	4
1468520	CHERRIES, SWEET, FRESH	LB	99	162	155			110	125	62	47
1471500	GRAPEFRUIT, FRESH	LB	18	10,463	2,566	11,031	2,566			3,742	1,215
1471900	LEMONS, FRESH	LB	24	5,207	1,605	5,482	1,605			5,122	1,584
1473140	ORANGES, FRESH, NSPF	LB	63	998	377	848	330	206	47	919	361
1473500	CITRUS FRUITS, FRESH, NSPF	LB	187	41	24	44	24			41	24
1481700	CANTALOUPES, FRESH	LB	241	33	4			35	4	33	4
1487500	PEACHES & NECTARINES, FRESH	LB	233	12	6	12	6				
1493050	KIWIFRUIT, FRESH	LB	133	189	66			208	66	189	66
1493050	OTH FRSH ED FRUIT EXCL PAPAY	LB	240	2	4	2	4				
1497500	BERRIES, FROZEN, NSPF	LB	170	32	31	19	26	15	5	32	31
1498520	CHERRIES, SWEET, FROZEN	LB	201	16	15			18	15	12	7
1499000	FRUITS, FROZEN, NSPF	LB	191	17	21	8	3	10	18	10	18
1501200	APPLES, DRIED	LB	213	20	9			21	9	20	9
1506500	GRAPES (RAISINS), DRIED	LB	13	7,447	4,573	7,872	4,573			7,222	4,452
1508000	PRUNES, DRIED	LB	105	168	124	177	124			168	124
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	238	2	5			2	5		
1510500	FRUIT IN BRINE, NSPF	LB	223	15	7	18	7			15	7
1511000	APRICOTS, PREP OR PRESERVED	LB	155	76	43	69	35	21	7	51	32
1512000	MARASCHINO CHERRIES, PREP	LB	136	58	62	85	62			27	26
1512520	CHERRIES, SWEET, NSPF, PREP	LB	239	4	4	4	4			4	4
1513000	BERRIES, PREPARED OR PRES	LB	169	56	31	67	31			56	31
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	211	30	12	33	12			30	12
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	194	631	19	762	19			631	19
1515000	OLIVES, CANNED	LB	185	36	24	43	24			36	24
1515500	OLIVES, PREP OR PRES, NSPF	LB	144	84	57	141	46	19	11	84	57
1516000	PEACHES AND NECTARINES, PREP	LB	243	11	4			13	4	11	4

-- SOUTH KOREA CONTINUED ON NEXT PAGE --

TABLE 7.

1 9 8 8 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1519500	FRUIT MIXTURES, NSPF, PREP	LB	13	415	217	535	193	32	24	406	200
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	44	552	716	364	716			552	716
1525500	FRUIT BABY FOOD, CANNED	LB	101	196	143	249	143			196	143
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	209	37	14			40	14	37	14
1533000	JAMS, JELLIES MARMALADES ETC	LB	90	306	186	323	176	12	10	271	176
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	102	65	140	33	57	27	82	90	64
1557000	HONEY	LB	251	2	2	2	2			2	2
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	219	6	9			6	9	6	9
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	104	291	129	383	129			291	129
1618100	RED PEPPER	LB	222	1	8			1	8		
1621700	SPICE AND SPICE SEEDS, NSPF	LB	38	349	845	423	764	14	81	329	749
1650500	GRAPEFRT JUICE NOT CONCNTRATE	GAL	128	32	77	225	77			26	63
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	50	433	361	1,126	290	172	71	433	361
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	202	10	15	36	15			10	15
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	108	52	121	112	59	274	62	13	30
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	34	541	987	976	987			31	83
1653320	ORANGE JUICE CONC FZ UN032OZ	SSG	116	44	97	163	97			44	97
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	124	29	80	109	80			29	80
1653350	ORANGE JUICE CONC FZ OV 1GAL	SSG	78	67	253	219	145	26	109	46	197
1654120	LEMON JUICE, CONC, FRZN	SSG	125	33	80	107	78	1	2	33	80
1655400	GRAPE JUICE CONCENTRATED FRZ	SSG	253	2	2	2	2			2	2
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	38	103	192	251	192			79	130
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	150	19	48	108	38	3	10	19	48
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	72	130	288	395	280	6	9	9	22
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	20	886	2,110	2,004	2,100	6	9	883	2,103
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	152	18	45	70	45			18	45
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	96	86	165	779	163	3	2	32	153
1663040	VEGETABLE JUICES, NSPF	GAL	212	5	12			89	12	5	12
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	135	27	64	186	64			13	31
1673100	STILL WINE NT OV 14% ALCOHOL	WG	80	72	240	330	240			70	227
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	160	7	37	40	17	34	19	7	37
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	175	7	27	30	27			7	27
1761320	COTTONSEED OIL, CRUDE	LB	73	1,102	288	1,102	288			1,102	288
1761340	COTTONSEED OIL, ONCE-REFINED	LB	31	4,686	1,123	4,686	1,123			4,686	1,123
1761800	COTTONSEED SALAD OIL, RELIEF	LB	19	9,818	2,504	9,818	2,504			8,918	2,504
1761860	COTTONSEED SALAD OIL NT/RELF	LB	17	10,052	2,665	10,101	2,665			10,052	2,665
1759120	OLIVE, RAPE ETC OIL, UNMIXED	LB	197	24	17	24	15	6	2	24	17
1759150	JOJOBA OIL, UNMIXED	LB	145	6	55	5	34	3	21	6	55
1759190	VEGETAB. OILS, NSPF, UNMIXED	LB	134	78	65	85	65			79	65
1775620	TALLOW, EDIBLE	LB	27	7,347	1,389	7,359	1,389			5,583	1,041
1775640	TALLOW, INEDIBLE	LB	6	169,361	29,356	169,459	29,356			84,044	14,316
1775900	WOOL GREASE	LB	115	53	99	48	82	10	17	30	65
1777360	CHOICE WHITE GREASE	LB	92	1,100	170	1,102	170			1,100	170
1777365	YELLOW GREASE	LB	14	21,240	3,313	21,749	3,313			9,335	1,485
1777390	OTHER TALLOW, NSPF	LB	67	1,759	332	1,765	346	20	6	687	141
1785540	COTTONSEED OIL, HYDROGENATED	LB	35	2,799	906	3,267	904			2,799	906
1785560	HYDROGENATED OIL UNMIX, NSPF	LB	51	192	238	204	238			178	229
1786000	SALAD & COOKING OIL, MIXTURE	LB	142	175	58	203	58			175	58
1787020	BAKING FATS, MIX OF VEG OILS	LB	25	2,611	1,577	2,759	1,577			339	232
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	158	77	41	84	41				
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	82	356	223	377	223			79	48
1821200	BALLS,ETC,VEG A/OR MT OR FSH	LB	111	225	111	274	111			188	96
1823120	OATMEAL,ETC,ROLLED,FLKD,ETC	LB	159	67	37	72	37			67	37
1824420	CATSUP AND CHILI SAUCE	LB	131	191	71	240	71			191	71
1825120	SOUPS,DRIED OR DEHYDRATED	LB	75	418	282	500	282			418	282
1825140	SOUPS, N S P F	LB	64	594	369	635	369			481	343
1825600	VINEGAR	GAL	171	37	31	236	31			37	31
1829420	POTATO CHIPS AND STICKS	LB	147	27	53	34	53			27	53
1829740	MIXED SEASONINGS	LB	56	171	441	200	426	1	15	109	352
1829742	VEG FLOURS & GRITS, DEFATTED	LB	130	592	74	652	74			592	74
1829752	VEGETABLE PROTEIN ISOLATES	LB	11	6,889	6,162	7,032	6,162			2,734	2,554
1829754	VEG PRO CONCENTRATES, ETC	LB	32	1,026	1,109	1,044	1,105	11	5	972	1,064
1829760	EDIBLE PREP, NSPF, CANNED	LB	74	182	287	231	287			182	287
1829780	EDIBLE PREPARATIONS, NSPF	LB	21	1,759	2,037	2,109	2,012	9	25	1,534	1,791
1841060	BRAN,ETC FRM MLLNG GRN,NSPF	STN	184	0	25	233	25			0	25
1842000	BEET PULP, DRIED	STN	165	0	35	453	35			0	35
1842500	BREWERS' GRAINS, MALT SPROUT	STN	153	0	45	736	45				
1845600	MEAT MEAL & TANKAGE,INEDIBLE	STN	42	3	740	5,485	740			1	188
1846620	MEAT, INEDIBLE, FR, CHLD, FZ	LB	246	4	3	4	3			4	3
1848005	ALFALFA HAY CUBES	STN	98	1	157	2,397	157			0	8
1848025	FEATHER MEAL	STN	59	2	428	3,660	428				
1848032	DOG & CAT FOOD, RETAIL SALE	LB	107	226	123	234	123			226	123
1848034	PET FOOD NSPF, RETAIL SALE	LB	62	720	387	723	376	6	11	54	56
1848035	POULTRY FEEDS, PREPARED	STN	68	1	338	1,163	338			0	201
1848040	DAIRY CATTLE FEED, PREPARED	STN	93	1	166	1,036	135	10	31	1	135
1848045	LIVESTOCK FEED, PREP, NSPF	STN	30	19	1,166	38,022	1,153	11	13	11	596
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	37	4	863	8,925	863			3	522
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	9	1,256	13,804	1,298	13,804			924	10,431
1865700	HAIR AND BRISTLES, NSPF	LB	109	20	113	21	113			10	104
1911520	BULL SEMEN (BOVINE)		53	0	467			4	467		348
1912540	HOOVES, ANTLERS, NAILS, CLAWS		26	0	1,423	1,553	1,005	76	418		509
1912550	ANIMAL PRODUCTS, CATTLE EMB		164	0	36			0	36		
1912570	ANIMAL PRODUCTS, NSPF		60	0	396	196	334	1	61		211
1920600	SEAWEED AND CARRAGEENIN	LB	247	1	3	1	3			1	3
1921120	CUT FLOWERS, FRSH SPRAYS ETC		227	0	7			2	7		5
1921140	FOLIAGE,ORNAMENTAL PURPOSES		237	0	5			2	5		
1922520	HOP PELLETS	LB	183	13	25	10	17	5	8		
1922540	HOPS, OTHER	LB	226	1	7			1	7		
1923200	HOP EXTRACT AND LUPULIN	LB	103	11	139	13	139				
1926200	STRAWS, FIBROUS VEG PRODUCTS	LB	221	3	8	3	8			3	8
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	47	160	573	88	383	105	190	37	81
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	9	24	6,918	12,550	6,918			19	5,493
3001050	COTTON NT CRD 1 TO 1-1/8 IN	RBA	3	1,187	401,241	626,170	401,241			1,068	364,247
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	5	102	35,255	51,271	35,255			101	34,782

-- SOUTH KOREA CONTINUED ON NEXT PAGE --

1968 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

TABLE 7.

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
3003021	COTTON LINTERS, OTHER	LB	95	511	163	517	163			361	98
4523400	LEMON OIL	LB	195	3	18	3	10	1	8	3	18
4524400	ORANGE OIL	LB	166	16	34	19	34			16	34
7492500	FLOWERS, CUT NATURAL,DRIED		225	0	7	1	7				7
7432900	OTHER DRIED PLANTS, N.S.P.F.		230	0	6	14	6				2
	TOTALS FOR SOUTH KOREA				$1,950,027	16,967,081	$1,937,907	5,295	$10,405		$889,637

SPAIN COUNTRY RANK 13

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK,EGG	NC	45	134	431			17	431		
1000230	CHICKENS, BREEDER STOCK,MEAT	NC	20	161	2,180			24	2,180		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	173	6	2			0	2	6	2
1004180	CATTLE,DAIRY,BREEDING,FEMALE	NC	42	1	500	417	500				
1007100	HORSES FOR BREEDING	NO	121	0	30			2	30		
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NC	104	0	52			4	52		
1009640	LIVE ANIMALS, NSPF		55	0	235			13	235		
1054120	CHICKENS,YOUNG,WHOLE,FRESH	LB	101	127	59	132	59				
1054160	CHICKEN PIECES,FRESH, ETC.	LB	11	12,543	5,264	12,997	5,264				
1055140	TURKEY PIECES,FRESH, ETC	LB	73	137	125	137	125				
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	103	55	46	55	46				
1057100	POULTRY LIVERS,FRESH, ETC	LB	148	43	13	43	13				
1058300	BIRD MEAT,PREP,EX CANNED	LB	123	75	28	77	28				
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	165	2	6	3	6				
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	75	47	119	49	119				
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	159	1	8			2	8		
1063400	BEEF LIVER, FRESH, ETC	LB	39	2,325	627	2,409	627				
1063600	BEEF OFFAL,NSPF,FRESH,ETC	LB	32	1,994	862	1,973	844	29	18		
1070200	SAUSAGES,ETC, EXC CANNED	LB	177	2	2	2	2				
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	162	3	6			3	6		
1074600	BEEF & VEAL,EX SAUSAGE,NSPF	LB	84	50	102	57	102				
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	159	8	8			8	8		
1078000	MEAT EXTRACT,INCLUDING FLUID	LB	175	1	2			1	2		
1155040	NONFAT DRY MILK,NOT DONATED	LB	28	2,231	1,056	2,277	1,056				
1160100	BUTTER	LB	126	30	25	15	12				
1171700	CHEDDAR CHEESE	LB	76	67	119	37	58				
1180500	WHEY, DRIED	LB	99	400	66	162	30				
1181200	INFNTS DIET SUPP,DRY MILK	LB	87	48	87	51	33	9	40		
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	88	38	82	46	82				
1195100	SHELL EGGS FOR HATCHING	DOZ	92	11	77			19	77		
1195300	EGGS IN THE SHELL, NSPF	DOZ	79	140	115			6	115		
1201400	CATTLE HIDES, WHOLE	PC	9	118	6,618	6,113	6,056				
1201720	WHOLE CALF SKINS	PC	51	25	332	121	282				
1201740	WHOLE KIP SKINS	PC	106	3	49	39	25				
1201755	CATTLE HIDE CROUPONS ETC	PC	48	25	358	605	286				
1201765	BOVINE HIDES,EXC WHOLE,NSPF	LB	15	10,954	4,121						
1202095	OTHER HIDES AND SKINS,NSPF	NO	41	0	522	359	522				
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	27	152	1,346	1,190	1,346			3	27
1255200	FRUIT AND NUT PLANTS, ETC		56	0	257	50	141	50	116		221
1258100	LIVE PLANTS, NSPF		31	0	951	910	831	30	120		585
1260120	ALFALFA SEED, UNCERTIFIED	LB	95	55	72	56	72				
1260140	ALFALFA SEED, CERTIFIED	LB	167	2	4	2	4			2	4
1261700	SEED, CARROT	LB	140	9	15	10	15				
1264100	FLOWER SEED	LB	153	1	10			1	10	0	5
1265700	MILLET	LB	77	1,624	118						
1266100	ONION SEED	LB	131	2	22			2	22	0	7
1268100	SPINACH SEED	LB	96	41	72	44	72			34	60
1268700	TREE AND SHRUB SEEDS	LB	129	2	24			2	24	1	13
1271220	SUDAN GRASS SEED	LB	172	1	3	1	3			1	3
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	54	176	279	178	276	1	3	157	245
1271510	CANTALOPE SEED	LB	133	5	19	5	15	2	4	4	15
1271515	CUCUMBER SEED	LB	112	3	42	3	31	1	12	2	31
1271530	LETTUCE SEED	LB	65	10	154	11	77	3	77	8	78
1271545	SQUASH SEED	LB	78	40	116	44	105	4	11	40	113
1271560	TOMATO SEED	LB	80	10	114	3	27	9	86	8	87
1271570	WATERMELON SEED	LB	66	49	150	38	103	17	47	33	99
1271580	VEGETABLE SEEDS, NSPF	LB	25	319	1,531	154	772	222	759	220	1,231
1271590	SEEDS, NSPF	LB	22	5,236	2,029	5,248	1,682	35	347	4,800	1,673
1303420	SWEET CORN SEED, NOT DONATED	LB	52	372	320	369	309	11	11		
1303440	CORN SEED,EXC SWT,NT DONATED	LB	8	9,114	10,519	8,895	10,317	54	27		
1303465	YELLOW CORN, NOT DONATED	BU	1	86,566	231,746	4,847,679	231,742				
1303475	CORN, NSPF, NOT DONATED	BU	53	135	315						
1304020	GRAIN SORGHUM SEED	LB	60	409	184	422	184				
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	2	10,874	25,424	608,928	25,424				
1305000	RICE, PADDY OR ROUGH	LB	7	138,222	11,134	138,229	11,134			25,434	2,400
1306540	WHEAT,UNMILLED,NOT DONATED	BU	21	841	2,107	50,441	2,107			1	22
1313010	RICE, DONATED FOR RELIEF	LB	141	103	14	104	14			103	14
1313015	LG GR PRBL MD RICE,NT RELIEF	LB	47	1,053	374	1,135	374				
1313040	MD RICE,MD GRN,X PRBL,NT DON	LB	16	26,522	3,693	26,528	3,693			735	
1313050	MD RICE,SH GRN,X PRBL,NT DON	LB	161	39	7	40	7			39	
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	157	2	9	175	9				
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	171	0	3	30	3				
1324020	CORNSTARCH, INCLUDING MILO	LB	82	366	109	328	104				
1324040	STARCHES, NSPF	LB	170	5	3	5	3				
1351800	ASPARAGUS, FRESH OR CHILLED	LB	158	6	9						
1352900	CARROTS, FRESH OR CHILLED	LB	138	153	15	160	15				
1353700	SWEET CORN, FRESH OR CHILLED	LB	151	49	12			49	12		
1354300	LETTUCE, FRESH OR CHILLED	LB	174	17	2			18	2		
1355300	TOMATOES, FRESH OR CHILLED	LB	156	42	9	45	9				
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	107	75	48	83	46	0	2		
1400100	BLK BEANS,X SEEDS,DRIED,ETC	LB	89	272	81	235	70			234	70

-- SPAIN CONTINUED ON NEXT PAGE --

TABLE 7.

1986 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	24	9,324	1,568	677	363				
1400540	LIMA BEANS,OTHER THAN BABY	LB	132	78	22	79	22				
1400700	NAVY/PEA BNS,X SEEDS,DRD,ETC	LB	67	736	146						
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	83	280	106						
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	154	39	10	39	10				
1401600	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	69	649	142	159	34			39	11
1402920	BLACKEYE COW PEAS X SEED,DRY	LB	49	1,295	353	1,303	353			1,295	353
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC	LB	127	78	24	79	24			39	12
1403100	BEANS, SEED	LB	26	2,189	1,486	2,236	1,486			13	11
1403300	PEAS, SEED	LB	35	2,310	793	2,348	793				
1403500	LENTILS,DRIED,ETC	LB	14	22,831	4,192	22,966	4,192			624	102
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	122	198	29						
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	30	1,234	958	1,303	958			1,234	958
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	86	300	94	307	94				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	64	37	157	39	157			37	157
1407100	VEGETABLES REDUCED TO FLOUR	LB	46	556	408	600	408			556	408
1410100	ASPARAGUS,CND,EXCL. PICKLED	LB	81	141	112	174	112			106	57
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	152	33	12	40	12			33	12
1410500	CORN, CANNED, EXCL. PICKLED	LB	50	974	345	990	294				
1412260	TOMATO PASTE, CANNED	LB	146	34	13	34	13				
1417500	VEGETABLES, PREP, PRES, NSPF	LB	111	50	44	53	32	18	12		
1442500	MUSHROOMS, CANNED	LB	91	120	79	125	79				
1452200	PECANS,NOT SHELLD OR ROASTED	LB	37	845	738	855	738				
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	5	28,253	19,891	28,531	19,891			24,647	17,341
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	6	13,777	18,821	14,600	18,821			9,808	13,475
1454900	PECANS,SHELLED,NOT BLANCHED	LB	143	40	14	40	14				
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	19	1,571	2,276	1,733	2,276			1,193	1,885
1455720	PISTACHIOS, SHELLED	LB	110	17	44	19	44			16	41
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	98	28	71	28	71			10	27
1456100	ALMONDS, PREPARED, PRESERVED	LB	43	294	461	324	461			294	461
1457520	PISTACHIOS, PREP OR PRESRVD	LB	169	1	3	1	3			1	3
1457542	MACADAMIA, PREP OR PRESERVED	LB	163	3	6	3	6			3	6
1457547	OTHER NUTS,PREP OR PRESERVED	LB	34	836	801	908	801			763	719
1459000	MIXTURES OF EDIBLE NUTS	LB	155	3	9	4	9			3	9
1466500	BERRIES, FRESH, NSPF	LB	116	57	39	64	39			57	39
1468520	CHERRIES, SWEET, FRESH	LB	120	37	31	40	31				
1471900	LEMONS, FRESH	LB	128	91	24	92	24				
1473140	ORANGES, FRESH, NSPF	LB	124	89	25	92	25				
1491700	PRUNES AND PLUMS, FRESH	LB	103	74	56	78	56			74	56
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	113	138	40	138	40				
1504500	DATES, DRIED	LB	44	573	440	634	440			573	440
1506500	GRAPES (RAISINS), DRIED	LB	29	1,397	980	1,519	980			1,312	920
1508000	PRUNES, DRIED	LB	17	4,361	3,418	4,747	3,418			3,875	2,941
1510500	FRUIT IN BRINE, NSPF	LB	168	12	4	15	4				
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	137	33	15	41	15				
1513000	OLIVES, CANNED	LB	117	59	36	130	36				
1513500	OLIVES, PREP OR PRES, NSPF	LB	136	30	16	33	16				
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	119	88	33						
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	164	9	6			57	6		
1557000	HONEY	LB	72	246	133	270	133				
1618100	RED PEPPER	LB	74	96	122	126	122				
1621700	SPICE AND SPICE SEEDS, NSPF	LB	100	77	61	110	61				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	70	160	141	278	141				
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	63	255	172	433	172			255	172
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	38	262	629	1,559	629			262	629
1663040	VEGETABLE JUICES, NSPF	GAL	134	7	17	10	6	19	11		
1673100	STILL WINE NT OV 14% ALCOHOL	WG	105	8	69	33	48	2	2	8	48
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	102	13	58	40	58			8	37
1751500	COTTONSEED	LB	23	2,656	1,646	2,677	1,646				
1755120	SUNFLOWER SEED,CONFECTIONERY	LB	13	21,236	4,624	1,663	345			81	24
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	139	21	15	22	15				
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	142	17	14	19	14				
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	147	15	13	12	11	6	2	11	11
1775640	TALLOW, INEDIBLE	LB	3	136,995	21,554	136,996	21,554				
1777385	YELLOW GREASE	LB	12	35,166	4,857	35,166	4,857				
1777390	OTHER TALLOW, NSPF	LB	125	26	25	26	25				
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	178	1	2	2	2				
1824420	CATSUP AND CHILI SAUCE	LB	135	40	17	64	17				
1827000	WILD RICE CRUDE OR PROCESSED	LB	145	7	13	7	13			7	13
1829420	POTATO CHIPS AND STICKS	LB	130	23	23	50	23				
1829740	MIXED SEASONINGS	LB	114	37	40	31	30	9	10	9	10
1829752	VEGETABLE PROTEIN ISOLATES	LB	33	916	813	853	740				
1829754	VEG PRO CONCENTRATES, ETC	LB	109	96	45	100	45				
1829760	EDIBLE PREP, NSPF, CANNED	LB	144	43	14	2	2				
1829770	EDIBLE PREP, NSPF, FROZEN	LB	94	75	73	76	73				
1829780	EDIBLE PREPARATIONS, NSPF	LB	68	84	165	104	100	5	65	12	41
1842500	BREWERS' GRAINS, MALT SPROUT	STN	57	2	240	2,691	240				
1844800	GRAIN HULLS, SCREENINGS, ETC	STN	62	2	173	4,226	173				
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	40	6	564	11,057	564				
1848032	DOG & CAT FOOD, RETAIL SALE	LB	61	350	183	126	93				
1848034	PET FOOD NSPF, RETAIL SALE	LB	166	9	5			4	2	4	2
1848035	POULTRY FEEDS, PREPARED	STN	93	0	73	662	73				
1848045	LIVESTOCK FEED, PREP, NSPF	STN	10	43	6,497	85,421	6,497				
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	71	1	138	2,988	138			1	28
1855700	HAIR AND BRISTLES, NSPF	LB	179	1	2			1	2		
1911520	BULL SEMEN (BOVINE)		36	0	750			3	750		463
1912570	ANIMAL PRODUCTS, NSPF		55	0	270	87	135	1	29		
1920600	SEAWEED AND CARRAGEENIN	LB	150	1	12			1	12		
1921120	CUT FLOWERS, FRSH SPRAYS ETC		149	0	12			3	12		4
1921140	FOLIAGE,ORNAMENTAL PURPOSES		115	0	40	10	37	2	3		
1923200	HOP EXTRACT AND LUPULIN	LB	85	18	96	22	96				
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	118	26	35			37	35		
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	176	0	2			0	2		
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	4	61	20,934	30,428	20,934			18	6,765

-- SPAIN CONTINUED ON NEXT PAGE --

1 9 8 8 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

TABLE 7.

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
3001550	COTTON OTH, 1-1/8 IN OR MORE	REA	16	5	2,292	2,803	2,292			5	2,292
4523400	LEMON OIL	LB	90	0	80	0	80				
4524400	ORANGE OIL	LB	59	107	219	118	175	1	44		
7432500	FLOWERS, CUT NATURAL,DRIED		97	0	71	92	71				
	TOTALS FOR SPAIN				$445,188	6,129,628	$427,483	818	$5,875		$58,146
	TAIWAN COUNTRY RANK 6										
1000210	CHICKENS, BREEDER STOCK,EGG	NO	89	76	332			10	332	29	117
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	64	152	628			20	628	31	57
1000260	TURKEYS, LIVE, DOWNY STAGE	NO	238	14	18	102	18				
1004120	CATTLE,BEEF,BREEDING,MALE	NO	126	0	144			128	144		
1004140	CATTLE,BEEF,BREEDING,FEMALE	NO	123	0	152			77	152		
1004150	CATTLE,DAIRY,BREEDING,MALE	NO	43	1	1,102			625	1,102		
1004160	CATTLE,DAIRY,BREEDING,FEMALE	NO	36	2	1,832			1,565	1,832		
1007100	HORSES FOR BREEDING	NO	144	0	107			47	107		
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	164	0	75			43	75		
1008300	SWINE, LIVE	NO	104	0	241			57	241		
1009640	LIVE ANIMALS, NSPF		80	0	390			27	390		13
1054140	CHICKENS,EX YOUNG, WHOLE	LB	255	51	10	51	10				
1054160	CHICKEN PIECES,FRESH, ETC.	LB	109	584	233	565	215	34	18	272	116
1055120	TURKEYS,WHOLE,FRESH,ETC	LB	207	141	35	144	35			90	24
1055140	TURKEY PIECES,FRESH, ETC	LB	53	2,872	809	2,896	809			1,003	311
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	106	898	237	893	214	32	24	830	206
1058100	BIRD MEAT, CANNED	LB	232	11	21	21	21			11	21
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	38	588	1,611	573	1,541	22	70	153	409
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	10	3,794	10,237	3,858	10,096	30	141	3,652	9,658
1061080	VEAL,CRCSS,FRESH,CHILLED,ETC	LB	198	6	41			8	41	6	41
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	194	11	43	10	36	2	6	5	17
1065200	MEAT,CRCSS,NSPF,FRESH,ETC	LB	179	36	58	12	7	28	50	26	31
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	66	403	589	356	513	70	76	390	579
1068800	VEAL OFFAL,FRESH,CHILLED,ETC	LB	161	56	77	59	77			40	55
1069000	LAMB OFFAL,FRESH,CHILLED,ETC	LB	253	4	11	4	11			4	11
1069600	MEAT OFFAL,NSPF,FRESH,ETC	LB	221	42	26	42	26			42	26
1070100	SAUSAGES,ETC,CANNED	LB	257	9	9	12	9			9	9
1070200	SAUSAGES,ETC, EXC CANNED	LB	166	42	72	33	57	12	15	19	32
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	51	529	884	589	789	17	95	275	552
1073840	VEAL,EX CRCSS,FRESH,ETC	LB	284	0	2			0	2	0	2
1074200	BEEF AND VEAL, CANNED	LB	153	51	90	93	90			50	88
1074600	BEEF & VEAL,EX SAUSAGE,NSPF	LB	48	343	948	445	926	14	22	343	948
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	261	7	8			8	8	7	8
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	258	4	9	6	9			4	9
1076600	MT & EDBL OFFL,PREP EX CANND	LB	113	98	207	84	190	19	16	98	207
1150100	MLK & CRM,FLUID,FRSH OR SOUR	GAL	213	11	31	54	31			11	31
1155040	NONFAT DRY MILK,NOT DONATED	LB	68	1,987	581	2,035	581			1,221	423
1155700	DRIED MILK AND CREAM, NSPF	LB	87	792	349	938	349			775	341
1160100	BUTTER	LB	237	50	19	51	19			50	19
1163000	MARGARINE,INCLDNG OLEO	LB	134	233	124	261	123	8	2	233	124
1171700	CHEDDAR CHEESE	LB	246	5	14	2	3	4	12		
1178200	AMER TYPE CHEESE,EX CHEDDAR	LB	220	42	27	47	27			42	27
1178600	CHEESES, NSPF	LB	165	45	72	52	72			42	66
1180500	WHEY, DRIED	LB	25	10,007	2,174	10,274	2,174			6,424	944
1181000	YOGURT, OTHER FERMENTD MILK	LB	279	5	3	6	3			5	3
1181200	INFNTS DIET SUPP,DRY MILK	LB	65	242	611	321	611			61	99
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	55	876	801	1,064	774	29	27	394	705
1182500	ICE CREAM	GAL	98	125	281	325	281			105	242
1186000	MILK PRODUCTS, NSPF		116	0	201	201	201				201
1195100	SHELL EGGS FOR HATCHING	DOZ	236	14	19			6	19	14	19
1195300	EGGS IN THE SHELL, NSPF	DOZ	270	6	5	10	5				
1196520	EGG ALBUMEN(WHITES),DRIED	LB	277	1	3	1	3				
1201400	CATTLE HIDES, WHOLE	PC	2	2,470	156,937	144,372	155,528			1,444	93,621
1201720	WHOLE CALF SKINS	PC	141	11	113	95	113			5	50
1201740	WHOLE KIP SKINS	PC	172	3	61	37	61				
1201755	CATTLE HIDE CROUPONS ETC	PC	94	22	298	369	298			16	255
1201765	BOVINE HIDES,EXC WHOLE,NSPF	LB	62	1,550	690	1,657	690			693	282
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	227	4	24	0	8	3	16	2	8
1202092	PIG AND HOG SKINS	NO	9	2,155	11,159	24,044	11,159			23	84
1202095	OTHER HIDES AND SKINS,NSPF	NO	91	0	324	199	124	8	200		22
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		273	0	4			0	4		4
1258100	LIVE PLANTS, NSPF		191	0	46			2	46		38
1260500	BEET SEED, EXCEPT SUGAR BEET	LB	248	18	14	18	14			18	14
1264100	FLOWER SEED	LB	266	0	7			0	2	0	2
1265700	MILLET	LB	244	200	15	200	15				
1266100	ONION SEED	LB	231	1	21	1	6	1	15	1	21
1268100	SPINACH SEED	LB	245	11	15	11	15			11	15
1269700	TREE AND SHRUB SEEDS	LB	263	0	7			0	7	0	6
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	197	28	41	14	22	14	19	23	32
1271530	LETTUCE SEED	LB	219	9	28	13	28			8	26
1271580	VEGETABLE SEEDS, NSPF	LB	118	154	193	154	181	15	12	104	160
1271590	SEEDS, NSPF	LB	142	108	113	106	94	3	19	3	11
1301040	BARLEY, OTHER THAN MALTING	BU	241	1	16	45	16				
1303420	SWEET CORN SEED, NOT DONATED	LB	54	265	802	240	704	30	99	79	235
1303465	YELLOW CORN, NOT DONATED	BU	1	163,363	461,277	9,148,405	461,277				
1303475	CORN, NSPF, NOT DONATED	BU	160	34	77	1,923	77			10	22
1304020	GRAIN SORGHUM SEED	LB	190	440	48	449	48			440	48
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	13	3,215	8,068	180,067	8,068				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	3	30,442	128,345	1,823,810	128,345			4	9
1313050	MD RICE,SH GRN,X PRBL,NT DON	LB	127	602	142	605	142			602	142
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	260	0	8	40	8			0	8
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	265	1	7	68	7			1	7

-- TAIWAN CONTINUED ON NEXT PAGE --

TABLE 7.

1983 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1322700	MALT EXTRACT	LB	281	2	2	2	2			2	2
1324020	CORNSTARCH, INCLUDING MILO	LB	131	810	133	831	133			757	120
1324040	STARCHES, NSPF	LB	167	139	66	146	66			135	65
1352300	BROCCOLI, FRESH OR CHILLED	LB	275	2	3			2	3		
1352700	CABBAGE, FRESH OR CHILLED	LB	183	299	53	310	53			299	53
1353300	CELERY, FRESH OR CHILLED	LB	46	5,448	1,056	5,796	1,056			5,448	1,056
1354000	GARLIC, FRESH OR CHILLED	LB	267	36	7	45	7				
1354300	LETTUCE, FRESH OR CHILLED	LB	67	2,792	587	2,906	569	28	18	2,708	583
1354500	ONIONS,FRSH OR CHLLD,EX SETS	LB	27	17,437	2,152	17,770	2,152			5,092	597
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	195	66	43	55	27	14	15	21	17
1381000	CARROTS, FROZEN	LB	256	48	10	48	10			48	10
1382000	CORN, SWEET, FROZEN	LB	76	1,245	455	1,288	455			34	11
1383000	PEAS, FROZEN	LB	186	165	51	171	51			25	9
1387000	VEGETABLES, NSPF, FROZEN	LB	157	94	80	101	58	6	22	56	63
1400100	BLK BEANS,X SEEDS,DRIED,ETC	LB	209	162	32	164	32			117	27
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	203	321	37	323	37				
1400540	LIMA BEANS,OTHER THAN BABY	LB	171	507	62	507	62			507	62
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	230	162	22	163	22			30	8
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	233	156	20	158	20			80	12
1401500	WHT BNS,NSPF,X SEEDS,DRD,ETC	LB	212	277	31	280	31			38	5
1401800	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	110	1,616	226	1,635	226			810	121
1402920	BLACKEYE COW PEAS X SEED,DRY	LB	173	232	60	234	60			204	48
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC	LB	188	331	50	331	50				
1403100	BEANS, SEED	LB	271	3	4	3	4				
1403300	PEAS, SEED	LB	145	472	103	477	103			3	3
1403500	LENTILS,DRIED,ETC	LB	228	86	22	87	22				
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	103	818	248	893	248			80	45
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	77	1,602	445	1,627	445				
1405660	POTATOES,NSPF,DRD,ETC,X FLR	LB	189	103	50	109	50			83	32
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	155	80	81	72	64	10	17	43	47
1407100	VEGETABLES REDUCED TO FLOUR	LB	170	84	62	85	62			84	62
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	247	12	14	12	14			12	14
1410500	CORN, CANNED, EXCL. PICKLED	LB	15	21,978	7,288	25,545	7,288			7,076	2,669
1412240	TMTO SC, EX CTSP & CHILI SC	LB	283	3	2	4	2				
1412280	TOMATOES, CANNED, NSPF	LB	235	355	19	418	19			355	19
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	120	408	176	474	176			255	111
1414200	VEGETABLE BABY FOOD, CANNED	LB	202	67	38	93	38			67	38
1415200	CUCUMBERS,PICKLED,W/NOT,CND	LB	159	374	78	485	78			265	52
1415700	VEGETABLES,EX CUCUMBERS,PKLD	LB	224	43	24	53	24			24	17
1417500	VEGETABLES, PREP, PRES, NSPF	LB	274	8	3	9	3			8	3
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	69	385	560	392	560			346	535
1452200	PECANS,NOT SHELLD OR ROASTED	LB	282	2	2	2	2			2	2
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	72	447	485	462	485			447	485
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	28	1,024	2,098	1,074	2,098			1,024	2,098
1453540	NUTS,NSPF,NT SHLD OR ROASTED	LB	114	93	204	98	204			93	204
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	14	5,328	7,756	5,512	7,753	2	4	5,103	7,714
1454900	PECANS,SHELLED,NOT BLANCHED	LB	210	24	32	25	32			24	32
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	23	1,842	2,234	1,965	2,234			1,764	2,110
1455720	PISTACHIOS, SHELLED	LB	58	375	778	387	778			375	778
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	92	244	317	289	317			224	294
1456100	ALMONDS, PREPARED, PRESERVED	LB	24	1,274	2,202	1,489	2,192	5	10	1,272	2,197
1457520	PISTACHIOS, PREP OR PRESRVD	LB	86	283	360	367	360			283	360
1457542	MACADAMIA, PREP OR PRESERVED	LB	149	18	96	35	92	1	4	12	58
1457545	CASHEWS, PREP OR PRESERVED	LB	181	23	55	27	55			23-	55
1657547	OTHER NUTS,PREP OR PRESERVED	LB	121	114	160	130	160			109	147
1459000	MIXTURES OF EDIBLE NUTS	LB	185	34	51	49	51			8	15
1461000	APPLES, FRESH	LB	6	152,348	31,744	160,481	31,709			3,575	1,063
1463500	AVOCADOS, FRESH	LB	259	18	8	19	7	1	2	18	8
1465500	STRAWBERRIES, FRESH	LB	217	17	29			17	29	17	29
1466500	BERRIES, FRESH, NSPF	LB	206	52	35			55	35		
1468520	CHERRIES, SWEET, FRESH	LB	47	1,080	1,043	209	94	966	949	574	632
1471500	GRAPEFRUIT, FRESH	LB	7	71,309	14,097	74,359	14,097			32,439	6,795
1471900	LEMONS, FRESH	LB	107	548	236	409	130	152	106	548	236
1473120	TANGERINES, FRESH	LB	119	696	181	748	179	9	2	696	181
1473130	TEMPLE ORANGES, FRESH	LB	42	4,499	1,106	4,935	1,106			4,183	1,040
1473140	ORANGES, FRESH, NSPF	LB	30	9,153	2,049	8,510	2,049			7,367	1,856
1473500	CITRUS FRUITS, FRESH, NSPF	LB	158	82	79			92	79	82	79
1476500	GRAPES, FRESH	LB	3	26,259	11,352	29,704	11,352			22,575	9,910
1481700	CANTALOUPES, FRESH	LB	226	28	24			28	24	28	24
1487500	PEACHES & NECTARINES, FRESH	LB	26	3,834	2,170	65	20	4,068	2,151	3,814	2,160
1488500	PEARS, FRESH	LB	272	11	4			11	4		
1491700	PRUNES AND PLUMS, FRESH	LB	11	21,675	10,153	19,936	8,386	2,653	1,767	20,894	9,706
1493050	KIWIFRUIT, FRESH	LB	37	2,383	1,653	2,684	1,653			2,383	1,653
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	124	286	149	254	77	64	71	286	149
1497500	BERRIES, FROZEN, NSPF	LB	214	57	30	49	18	11	13	56	27
1498520	CHERRIES, SWEET, FROZEN	LB	268	6	6			6	6		
1499000	FRUITS, FROZEN, NSPF	LB	130	216	134	220	131	6	4	216	134
1506500	GRAPES (RAISINS), DRIED	LB	17	7,062	4,378	7,614	4,378			7,062	4,378
1508000	PRUNES, DRIED	LB	35	3,643	1,902	3,854	1,880	25	22	3,609	1,876
1508500	FRUITS, DRIED, NSPF	LB	199	64	41	69	36	3	6	64	41
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	225	53	24	55	24			53	24
1512000	MARASCHINO CHERRIES, PREP	LB	39	2,209	1,547	2,487	1,547			290	242
1512520	CHERRIES, SWEET, NSPF, PREP	LB	41	1,443	1,139	1,841	1,139			1,378	1,094
1513000	BERRIES, PREPARED OR PRES	LB	262	9	7	10	7			9	7
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	137	306	120	370	120			306	120
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	128	193	140	256	140			163	115
1515000	OLIVES, CANNED	LB	193	43	44	58	44			43	44
1515500	OLIVES, PREP OR PRES, NSPF	LB	278	2	3	3	3			2	3
1516000	PEACHES AND NECTARINES, PREP	LB	22	7,899	2,570	9,083	2,556	51	14	7,899	2,570
1518500	FRUIT NSPF, PREP, PRESERVED	LB	102	415	256	477	256			415	256
1519500	FRUIT MIXTURES, NSPF, PREP	LB	78	1,124	434	1,419	434			1,124	434
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	44	2,304	1,082	2,719	1,082			708	667
1525500	FRUIT BABY FOOD, CANNED	LB	218	38	28	70	28			38	28
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	201	80	38	86	39			80	38

-- TAIWAN CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B				U S TOTAL		VESSEL		AIR		CAL PORTS	
NUMBER	COMMODITY DESCRIPTION	U/M	RANK	QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1533000	JAMS, JELLIES MARMALADES ETC	LB	101	415	259	452	257	2	2	304	196
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	234	19	19	21	19			19	19
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	264	18	7	18	7			18	7
1552045	RAW SUGAR, BEET OR CANE	STN	169	0	65	422	65			0	65
1553000	LIQUID SUGAR & SUGAR SIRUPS	LTS	222	80	24	86	24				
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	84	552	371	3,331	371			2	2
1557000	HONEY	LB	178	92	58	98	58			52	38
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	215	119	30	123	30			52	12
1604500	COFFEE SUBSTITUTES & MIXTURE	LB	93	487	311	517	311			487	311
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	176	66	59	97	59			66	59
1616100	MUSTARD SEEDS	LB	252	52	11	52	11			7	2
1618100	RED PEPPER	LB	285	1	2	1	2			1	2
1621700	SPICE AND SPICE SEEDS, NSPF	LB	115	344	204	349	184	8	20	325	192
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	59	1,281	755	5,062	755			316	272
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	146	116	103	207	97	17	6	27	30
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	108	152	235	736	235			126	117
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	129	63	139	357	139			18	35
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	49	506	941	2,667	936	5	5	278	336
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	96	132	291	287	291			31	73
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	79	143	394	400	394				
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	138	43	117	120	117				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	18	1,934	3,730	3,935	3,730			1,660	3,042
1654120	LEMON JUICE, CONC, FRZN	SSG	242	6	16	17	12	3	4	4	9
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	180	23	56	115	56			6	14
1655400	GRAPE JUICE CONCENTRATED FRZ	SSG	122	116	158	163	158				
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	56	408	798	874	781	6	17	56	78
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	140	46	116	175	114	2	2	3	7
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	75	182	456	486	456			1	3
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	254	4	11	17	11			4	11
1658000	GRAPE JUICE CONCNTRTD NOT FZ	SSG	139	64	117	219	117			56	96
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	50	438	933	1,547	918	12	15	429	911
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	151	47	94	363	94			44	75
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	143	43	111	441	111			19	67
1673100	STILL WINE NT OV 14% ALCOHOL	WG	52	108	821	1,290	697	193	124	99	754
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	112	59	209	336	209			56	196
1675120	CIDER	GAL	205	7	36	115	36			7	36
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	156	15	81	236	81			15	81
1751500	COTTONSEED	LB	240	243	16	244	16			243	16
1751800	FLAXSEED (LINSEED)	LB	204	672	36	673	36				
1755120	SUNFLOWER SEED,CONFECTIONERY	LB	70	2,486	529	2,490	529			894	180
1756020	SAFFLOWER SEED	LB	148	571	100	571	100				
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	174	440	60	445	60				
1761820	COTTONSEED OIL, CRUDE	LB	117	661	198	661	198			661	198
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	280	2	3	3	3			2	3
1769180	JOJOBA OIL, UNMIXED	LB	239	3	18	3	18			3	18
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	90	668	330	720	321	28	9	651	321
1775220	OLEO OIL AND STEARIN, EDIBLE	LB	60	4,230	754	4,282	754			923	152
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	243	34	15	34	15				
1775620	TALLOW, EDIBLE	LB	63	3,086	679	3,087	679			551	133
1775640	TALLOW, INEDIBLE	LB	16	24,233	4,605	24,286	4,605			12,969	2,480
1775900	WOOL GREASE	LB	133	68	127	63	99	12	28	60	109
1777360	CHOICE WHITE GREASE	LB	45	5,585	1,077	5,585	1,077			39	3
1777390	OTHER TALLOW, NSPF	LB	82	1,702	380	1,691	377	13	3	1,682	366
1781140	VEG SALAD OIL, NOT RELIEF	LB	182	191	55	201	55			153	44
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	196	87	42	98	42			87	42
1786000	SALAD & COOKING OIL, MIXTURE	LB	175	124	60	163	60			124	60
1787020	BAKING FATS, MIX OF VEG OILS	LB	135	258	124	264	124			179	73
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	97	501	287	543	287			249	112
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	132	211	130	209	123	11	7	121	74
1824420	CATSUP AND CHILI SAUCE	LB	95	829	298	1,081	298			761	274
1825120	SOUPS,DRIED OR DEHYDRATED	LB	200	48	40	85	40			48	40
1825140	SOUPS, N S P F	LB	100	432	268	571	268			266	132
1825600	VINEGAR	GAL	250	15	12	49	12			15	12
1829420	POTATO CHIPS AND STICKS	LB	74	388	470	494	470			312	399
1829740	MIXED SEASONINGS	LB	85	228	366	237	346	17	20	185	248
1829742	VEG FLOURS & GRITS, DEFATTED	LB	223	193	24	213	24				
1829744	VEG FLOUR/GRITS NON-DEFATTED	LB	111	173	218	177	218			173	218
1829752	VEGETABLE PROTEIN ISOLATES	LB	33	2,286	2,001	2,330	2,001			2,220	1,981
1829754	VEG PRO CONCENTRATES, ETC	LB	73	530	483	518	469	30	14	398	432
1829760	EDIBLE PREP, NSPF, CANNED	LB	88	454	338	543	338			355	291
1829770	EDIBLE PREP, NSPF, FROZEN	LB	147	126	102	128	102			53	43
1829780	EDIBLE PREPARATIONS, NSPF	LB	20	2,195	2,891	2,435	2,760	91	130	1,869	2,520
1841020	WHEAT BY-PRODCTS,ANIMAL FEED	STN	269	0	5	93	5			0	2
1841040	RICE BY-PRODUCTS,ANIMAL FEED	STN	136	1	122	2,869	122			1	97
1841060	BRAN,ETC FRM MLLNG GRN,NSPF	STN	249	0	12	36	12				
1842000	BEET PULP, DRIED	STN	150	1	94	1,745	94				
1842500	BREWERS' GRAINS, MALT SPROUT	STN	99	2	278	4,887	278			2	158
1843600	HAY AND STRAW	STN	81	3	382	6,567	382			1	62
1845280	SUNFLWER OIL CAKE, CAKE-MEAL	STN	168	0	66	409	66				
1845600	MEAT MEAL & TANKAGE,INEDIBLE	STN	12	31	8,125	62,869	8,125			18	4,822
1846640	MEAT & OFFAL, INEDIBLE, NSPF	LB	105	452	238	481	238			407	218
1848005	ALFALFA HAY CUBES	STN	29	14	2,050	28,169	2,050			1	167
1848010	ALFALFA MEAL, SUN CURED	STN	192	0	46	893	46			0	2
1848015	ALFALFA MEAL, DEHYDRATED	STN	177	1	59	1,674	59				
1848025	FEATHER MEAL	STN	40	6	1,489	11,878	1,489			0	49
1848032	DOG & CAT FOOD, RETAIL SALE	LB	57	2,174	788	2,270	778	20	10	1,699	597
1848034	PET FOOD NSPF, RETAIL SALE	LB	32	4,641	2,010	4,800	2,006	1	4	1,139	554
1848035	POULTRY FEEDS, PREPARED	STN	19	5	3,118	10,978	3,118			0	35
1848040	DAIRY CATTLE FEED, PREPARED	STN	162	0	77	470	75	1	2	0	49
1848045	LIVESTOCK FEED, PREP, NSPF	STN	31	3	2,035	6,202	2,035			1	762
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	21	11	2,628	20,818	2,626	1	2	6	1,025
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	34	877	1,957	899	1,859	8	98	339	623
1865700	HAIR AND BRISTLES, NSPF	LB	276	2	3			3	3		
1911520	BULL SEMEN (BOVINE)		71	0	488			3	488		381

-- TAIWAN CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1912540	HOOVES, ANTLERS, NAILS, CLAWS		154	0	85			16	85		85
1912570	ANIMAL PRODUCTS, NSPF		163	0	77	90	34	0	43		34
1920600	SEAWEED AND CARRAGEENIN	LB	61	183	739	197	739			14	72
1921140	FOLIAGE,ORNAMENTAL PURPOSES		251	0	12	2	9	0	2		
1922540	HOPS, OTHER	LB	211	10	31	11	31			10	31
1926200	STRAWS, FIBROUS VEG PRODUCTS	LB	229	10	22	12	22			10	22
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	184	73	52	80	49	0	4	62	28
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	5	125	35,392	66,113	35,383	40	8	99	28,251
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	4	140	42,759	74,842	42,759			113	34,457
3001550	COTTON OTW, 1-1/8 IN OR MORE	RBA	83	1	379	756	379			1	364
3003021	COTTON LINTERS, OTHER	LB	125	409	148	416	148			277	129
4523400	LEMON OIL	LB	216	6	30	6	30			1	13
4524400	ORANGE OIL	LB	208	27	34	31	34			23	30
7482500	FLOWERS, CUT NATURAL,DRIED		152	0	91	81	84	1	7		71
7482900	OTHER DRIED PLANTS, N.S.P.F.		187	0	50	17	47	0	3		14
	TOTALS FOR TAIWAN				$1,052,075	12,155,064	$1,038,000	11,850	$12,626		$273,928

UNITED KINGDOM COUNTRY RANK 11

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK,EGG	NO	210	30	49			3	49		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	243	7	22			1	22		
1000260	TURKEYS, LIVE, DOWNY STAGE	NO	265	9	12			20	12	9	12
1000280	DUCKS, GEESE, GUINEAS, DOWNY	NO	209	11	53			2	53		
1007100	HORSES FOR BREEDING	NO	13	0	7,431			29	7,431		
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	1	1	84,568			583	84,568	0	1,026
1009540	LIVE ANIMALS, NSPF		78	0	651			59	651		
1054120	CHICKENS,YOUNG,WHOLE,FRESH	LB	134	210	215	217	215				
1054160	CHICKEN PIECES,FRESH, ETC.	LB	130	1,050	227	1,064	227				
1055120	TURKEYS,WHOLE,FRESH,ETC	LB	255	12	16			13	16		
1055140	TURKEY PIECES,FRESH, ETC	LB	111	318	340	327	340				
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	177	137	95	138	95				
1057100	POULTRY LIVERS,FRESH, ETC	LB	74	3,722	690	3,730	690				
1058300	BIRD MEAT,PREP,EX CANNED	LB	198	33	65	33	65				
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	138	111	204	113	204				
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	10	6,545	11,140	6,736	10,872	7	25		
1065100	HORSEMEAT,CRCSS,FRESH,ETC	LB	253	50	17	50	17				
1068200	BEEF TONGUES, FRESH, ETC	LB	15	6,898	6,701	7,124	6,701				
1068400	BEEF LIVER, FRESH, ETC	LB	41	3,047	2,040	3,138	2,040				
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	5	42,820	18,733	44,362	18,733				
1068800	VEAL OFFAL,FRESH,CHILLED,ETC	LB	200	96	63	100	63				
1069000	LAMB OFFAL,FRESH,CHILLED,ETC	LB	139	366	78	372	78				
1069600	MEAT OFFAL,NSPF,FRESH,ETC	LB	133	282	215	294	215				
1070200	SAUSAGES,ETC, EXC CANNED	LB	263	9	13			10	13		
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	182	20	87	21	87				
1074600	BEEF & VEAL,EX SAUSAGE,NSPF	LB	191	25	76	25	76				
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	173	97	104			19	19		
1076600	MT & EDBL OFFL,PREP EX CANND	LB	199	21	64			23	64		
1078000	MEAT EXTRACT,INCLUDING FLUID	LB	178	29	93			5	17		
1155040	NONFAT DRY MILK,NOT DONATED	LB	288	23	6						
1155700	DRIED MILK AND CREAM, NSPF	LB	280	21	7	22	7				
1160100	BUTTER	LB	160	168	141			4	5		
1178200	AMER TYPE CHEESE,EX CHEDDAR	LB	256	12	16			13	16		
1178600	CHEESES, NSPF	LB	208	42	54	10	9	25	30	10	9
1180000	WHEY, FLUID	GAL	245	3	20	42	20			3	20
1180500	WHEY, DRIED	LB	97	1,175	437	969	217	5	6		
1181000	YOGURT, OTHER FERMENTD MILK	LB	161	244	136	254	120	15	17	167	98
1181200	INFNTS DIET SUPP,DRY MILK	LB	241	125	22	7	3	6	2		
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	126	181	241	37	71				
1182500	ICE CREAM	GAL	289	3	5			6	5		
1186000	MILK PRODUCTS, NSPF		114	0	332			57	75		
1195100	SHELL EGGS FOR HATCHING	DOZ	257	27	16			4	16		
1196520	EGG ALBUMEN(WHITES),DRIED	LB	103	148	382	159	382				
1196540	WHL EGGS,OR YLKS,N/SHLL,DRD	LB	135	146	214	113	160				
1197040	WHL EGG OR YLK,N/SHLL,EX DRD	LB	248	23	19	30	19				
1201400	CATTLE HIDES, WHOLE	PC	87	19	523	102	149	31	21		
1201720	WHOLE CALF SKINS	PC	202	5	59			40	59		
1201755	CATTLE HIDE CROUPONS ETC	PC	180	4	89	32	89				
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	82	98	555	194	381	20	174	77	399
1202095	OTHER HIDES AND SKINS,NSPF	NO	137	0	210			3	210		2
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	54	214	1,295	904	1,241	2	22	39	373
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		187	0	80	39	56	2	23		
1255200	FRUIT AND NUT PLANTS, ETC		284	0	6			1	6		
1258100	LIVE PLANTS, NSPF		105	0	366	323	212	16	141		16
1260120	ALFALFA SEED, UNCERTIFIED	LB	167	79	120	80	120			79	120
1260140	ALFALFA SEED, CERTIFIED	LB	255	13	16	13	16			11	13
1261700	SEED, CARROT	LB	251	13	18	14	15				
1263140	WHITE CLOVER SEED	LB	139	151	201	153	201				
1264100	FLOWER SEED	LB	37	114	2,174	91	303	18	1,678	91	861
1265700	MILLET	LB	63	21,804	1,827						
1266100	ONION SEED	LB	292	1	4			1	4	1	4
1267300	RADISH SEED	LB	238	30	24	36	24				
1268700	TREE AND SHRUB SEEDS	LB	194	5	67			1	29		
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	149	116	177	107	165	10	12	29	44
1271515	CUCUMBER SEED	LB	277	2	9						
1271530	LETTUCE SEED	LB	195	14	67	5	14	11	53	2	24
1271570	WATERMELON SEED	LB	104	134	377	124	337	15	40	122	337
1271580	VEGETABLE SEEDS, NSPF	LB	64	706	891	644	663	33	133	340	508
1271590	SEEDS, NSPF	LB	84	460	539	404	253	56	260	364	319
1301020	BARLEY FOR MALTING	BU	201	21	62						
1301040	BARLEY, OTHER THAN MALTING	BU	297	2	4						

-- UNITED KINGDOM CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B				U S TOTAL		VESSEL		AIR		CAL PORTS	
NUMBER	COMMODITY DESCRIPTION	U/M	RANK	QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1301700	BUCKWHEAT AND CANARY SEED	LB	145	1,435	184						
1303420	SWEET CORN SEED, NOT DONATED	LB	175	80	95	31	81	10	10		
1303440	CORN SEED,EXC SWT,NT DONATED	LB	242	41	22			1	2		
1303465	YELLOW CORN, NOT DONATED	BU	282	2	7						
1303475	CORN, NSPF, NOT DONATED	BU	66	351	791						
1305000	RICE, PADDY OR ROUGH	LB	273	94	9	95	9			54	5
1305520	RICE,HUSKED,BROWN,LONG GRAIN	LB	34	16,322	2,369	16,351	2,369			95	19
1305540	RICE,HUSKED,BROWN,MED. GRAIN	LB	163	433	127	376	121			373	121
1305560	RICE,HUSKED,BRWN,SHORT GRAIN	LB	218	481	39	486	39				
1305580	RICE,HUSKED,BRWN,MIXED GRAIN	LB	211	598	48	131	11			111	9
1306540	WHEAT,UNMILLED,NOT DONATED	BU	85	115	537	6,561	512				
1313015	LG GR PRBL MD RICE,NT RELIEF	LB	58	3,967	1,071	3,994	1,062	4	10		
1313025	MD RICE NSPF PRBL, NT RELIEF	LB	226	90	32	91	32				
1313030	MD RICE,LG GRN,X PRBL,NT DON	LB	57	7,282	1,093	7,301	1,093			8	2
1313040	MD RICE,MD GRN,X PRBL,NT DON	LB	142	804	185	823	185			462	103
1313050	MD RICE,SH GRN,X PRBL,NT DON	LB	131	1,014	224	1,025	224			860	183
1313070	BROKEN RICE, NOT DONATED	LB	170	1,082	109	1,096	109				
1313080	RICE,MILLED,NSPF,NT DONATED	LB	279	7	8	1	8				
1314020	DRM FLR & SEMOLINA,NT DNATED	CWT	302	0	2						
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	308	0	2						
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	90	49	506	676	96				
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	233	4	27	281	20				
1321700	MALTS	LB	22	33,024	4,176	3,370	466				
1324020	CORNSTARCH, INCLUDING MILO	LB	28	8,713	2,958	3,061	1,285				
1324040	STARCHES, NSPF	LB	102	932	396	56	20	104	41		
1351800	ASPARAGUS, FRESH OR CHILLED	LB	30	1,834	2,271	84	90	1,543	1,748	943	1,172
1352300	BROCCOLI, FRESH OR CHILLED	LB	206	134	55			146	55	131	53
1352700	CABBAGE, FRESH OR CHILLED	LB	215	222	45			229	45		
1352900	CARROTS, FRESH OR CHILLED	LB	113	2,314	338	2,390	338			786	133
1353100	CAULIFLOWER,FRESH OR CHILLED	LB	290	6	5			6	5	6	5
1353300	CELERY, FRESH OR CHILLED	LB	75	2,544	687	1,341	243	1,289	444	120	47
1353700	SWEET CORN, FRESH OR CHILLED	LB	99	2,001	407	74	16	1,774	344		
1354000	GARLIC, FRESH OR CHILLED	LB	116	442	326	445	317	10	10	373	264
1354300	LETTUCE, FRESH OR CHILLED	LB	47	3,174	1,613	836	173	2,538	1,440	577	239
1354500	ONIONS,FRSH OR CHLLD,EX SETS	LB	71	2,244	744	625	122	1,736	623	1,440	436
1354700	PEPPERS, FRESH OR CHILLED	LB	197	324	66	94	14	256	52	18	3
1355300	TOMATOES, FRESH OR CHILLED	LB	213	47	47			50	47	38	42
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	68	1,797	765	940	259	1,086	506	552	339
1381000	CARROTS, FROZEN	LB	155	868	142	891	142			259	41
1382000	CORN, SWEET, FROZEN	LB	27	12,341	3,015	6,906	1,601	34	8		
1383000	PEAS, FROZEN	LB	65	3,0[illegible]	874	3,106	854	86	19	43	12
1387000	VEGETABLES, NSPF, FROZEN	LB	63	1,857	892	1,846	820	37	18	355	271
1400100	BLK BEANS,X SEEDS,DRIED,ETC	LB	129	770	227	766	223			761	223
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	45	6,101	1,785	118	51			78	34
1400520	LIMA BEANS,BABY	LB	119	631	307	635	307			475	225
1400540	LIMA BEANS,OTHER THAN BABY	LB	32	5,128	2,607	5,163	2,607			5,050	2,569
1400700	NAVY/PEA BNS,X SEEDS,DRD,ETC	LB	3	136,497	29,860						
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	122	1,207	286	20	6			20	6
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	16	23,600	5,839	2,254	838			1,579	583
1401500	WHT BNS,NSPF,X SEEDS,DRD,ETC	LB	236	180	25	180	25				
1401800	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	96	1,310	453	784	242			567	177
1402920	BLACKEYE COW PEAS X SEED,DRY	LB	110	1,265	343	1,274	343			1,226	332
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC	LB	234	91	26	94	26			91	26
1403100	BEANS, SEED	LB	59	2,676	1,060	1,394	738			274	161
1403300	PEAS, SEED	LB	26	10,083	3,439	10,358	3,439				
1403500	LENTILS,DRIED,ETC	LB	267	88	11	89	11				
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	216	17	43			16	42	5	25
1405100	GARLIC,DRIED,ETC.,EXC. FLOUR	LB	56	1,438	1,143	1,493	1,127			388	259
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	19	6,149	5,399	6,534	5,385	9	9	1,670	1,542
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	49	5,663	1,532	5,716	1,492			498	119
1405640	POTATO GRANULES DRY EX FLOUR	LB	144	283	184	315	184				
1405660	POTATOES,NSPF,DRD,ETC,X FLR	LB	152	270	172	297	170	8	2		
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	53	539	1,332	568	1,327			491	1,306
1407100	VEGETABLES REDUCED TO FLOUR	LB	48	1,846	1,604	1,843	1,360	61	84	1,281	1,010
1410100	ASPARAGUS,CND,EXCL. PICKLED	LB	83	691	553	577	431	27	13		
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	262	32	13	49	13			32	13
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	192	198	75	185	64			43	35
1410500	CORN, CANNED, EXCL. PICKLED	LB	14	22,030	7,344	118	32			8	4
1411100	PEAS,EXC COW & CHICKPEAS,CND	LB	276	11	9			13	9		
1412220	TOMATO PULP (PUREE), CANNED	LB	305	7	2			8	2		
1412240	TMTO SC, EX CTSP & CHILI SC	LB	25	7,428	3,667	9,495	3,661	23	6		
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	227	81	31						
1414200	VEGETABLE BABY FOOD, CANNED	LB	196	181	66	234	66				
1415200	CUCUMBERS,PICKLED,W/NOT,CND	LB	296	4	4	4	4				
1415700	VEGETABLES,EX CUCUMBERS,PKLD	LB	223	70	34	36	15				
1417500	VEGETABLES, PREP, PRES, NSPF	LB	94	488	457	629	418	6	5	265	178
1441000	MUSHROOMS, FRESH	LB	301	2	3	2	3				
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	294	5	4			5	4	5	4
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	121	354	288	362	283			354	288
1452200	PECANS,NOT SHELLD OR ROASTED	LB	98	487	415	500	415				
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	51	1,798	1,434	1,818	1,434			1,234	1,029
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	93	226	464	235	451	9	13	195	391
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	2	20,750	30,610	21,838	30,608			18,969	27,879
1454900	PECANS,SHELLED,NOT BLANCHED	LB	76	328	678	349	660	6	17		
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	61	657	943	695	932	14	12	586	834
1455720	PISTACHIOS, SHELLED	LB	162	64	133	72	133			27	56
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	91	162	491	176	481	4	10	4	10
1456100	ALMONDS, PREPARED, PRESERVED	LB	9	7,745	12,190	8,108	12,186	2	[illegible]	7,689	12,104
1457520	PISTACHIOS, PREP OR PRESRVD	LB	291	2	5	2	5			2	5
1457542	MACADAMIA, PREP OR PRESERVED	LB	156	24	143	26	143			24	143
1457545	CASHEWS, PREP OR PRESERVED	LB	295	3	4	4	4				
1457547	OTHER NUTS,PREP OR PRESERVED	LB	136	86	212	109	212			2	6
1459000	MIXTURES OF EDIBLE NUTS	LB	269	2	11	3	11				
1461000	APPLES, FRESH	LB	11	40,178	9,026	36,468	7,575	34	15	498	104

-- UNITED KINGDOM CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1463500	AVOCADOS, FRESH	LB	33	4,036	2,375	1,868	979	2,549	1,395	785	620
1465500	STRAWBERRIES, FRESH	LB	77	786	661			823	661	720	592
1466500	BERRIES, FRESH, NSPF	LB	44	2,541	1,803	333	233	1,493	1,019	974	718
1468520	CHERRIES, SWEET, FRESH	LB	21	4,211	4,431	120	53	2,511	2,526	1,059	1,165
1471500	GRAPEFRUIT, FRESH	LB	20	25,260	5,350	26,721	5,342	26	8	270	59
1471900	LEMONS, FRESH	LB	230	101	28			106	28	17	8
1472200	LIMES, FRESH	LB	146	712	182	78	13	671	168		
1473120	TANGERINES, FRESH	LB	184	380	86	352	76	43	10	118	28
1473130	TEMPLE ORANGES, FRESH	LB	231	34	7	37	7			34	7
1473140	ORANGES, FRESH, NSPF	LB	109	1,425	346	1,404	298	72	48	380	91
1473500	CITRUS FRUITS, FRESH, NSPF	LB	141	470	194	110	27	399	167	294	123
1476500	GRAPES, FRESH	LB	12	10,050	7,473	4,262	2,040	7,141	5,433	7,809	5,752
1482000	WATERMELON, FRESH	LB	232	124	27	124	27			90	16
1482700	MELONS, FRESH, NSPF	LB	246	40	20	37	16	6	4	6	4
1487500	PEACHES & NECTARINES, FRESH	LB	79	2,077	623			2,264	623	1,357	428
1488500	PEARS, FRESH	LB	140	808	197	849	173	47	24	206	56
1491700	PRUNES AND PLUMS, FRESH	LB	23	7,290	4,160	2,350	1,071	5,538	3,089	5,026	3,098
1493050	KIWIFRUIT, FRESH	LB	306	1	2			2	2	1	2
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	35	4,148	2,289	4,287	2,065	215	203	108	129
1497000	STRAWBERRIES, FROZEN	LB	214	73	46	74	41	6	5	6	5
1497500	BERRIES, FROZEN, NSPF	LB	55	2,009	1,185	2,083	1,185				
1498520	CHERRIES, SWEET, FROZEN	LB	60	1,853	986	1,914	966			46	18
1499000	FRUITS, FROZEN, NSPF	LB	157	260	143	231	108	6	10	5	10
1501200	APPLES, DRIED	LB	205	107	55	58	29	7	5	16	13
1502200	APRICOTS PEACHES PEARS DRIED	LB	203	81	57	30	24	58	33	81	57
1504500	DATES, DRIED	LB	168	53	120	40	70	24	50	47	102
1505200	FIGS, DRIED	LB	217	32	39	36	39			32	39
1506500	GRAPES (RAISINS), DRIED	LB	4	46,228	29,037	49,193	29,037			37,005	23,390
1508000	PRUNES, DRIED	LB	18	7,861	5,476	8,371	5,476			7,486	5,179
1508500	FRUITS, DRIED, NSPF	LB	150	194	175	145	87	31	16	81	54
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	165	111	124	124	124			106	106
1510500	FRUIT IN BRINE, NSPF	LB	249	19	19	34	19				
1511000	APRICOTS, PREP OR PRESERVED	LB	224	52	33	58	33			52	33
1512000	MARASCHINO CHERRIES, PREP	LB	250	18	18	34	18				
1512520	CHERRIES, SWEET, NSPF, PREP	LB	153	207	157	263	157				
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	252	46	17	57	17				
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	239	45	24						
1515000	OLIVES, CANNED	LB	286	1	6	2	6			1	2
1516000	PEACHES AND NECTARINES, PREP	LB	155	353	147	436	147			353	147
1517000	PEARS, PREPARED OR PRESERVED	LB	247	53	19						
1518500	FRUIT NSPF, PREP, PRESERVED	LB	136	106	81	128	81				
1519500	FRUIT MIXTURES, NSPF, PREP	LB	222	226	35	239	34			49	15
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	72	1,123	713	1,263	713			1,123	710
1525500	FRUIT BABY FOOD, CANNED	LB	229	106	30	194	30				
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	100	780	406	815	400			248	174
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	220	25	36	20	27	10	9		
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	164	231	125	229	117	4	5		
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	30	7,340	2,708	55,884	2,708				
1557000	HONEY	LB	147	279	179	189	110	9	5	40	18
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	176	85	96			38	42		
1604500	COFFEE SUBSTITUTES , MIXTURE	LB	254	80	16	82	16			40	8
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	219	81	37						
1616100	MUSTARD SEEDS	LB	272	43	10						
1618100	RED PEPPER	LB	271	2	10			2	10	2	10
1621700	SPICE AND SPICE SEEDS, NSPF	LB	52	936	1,344	840	936	105	139	584	600
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	231	15	27	84	27				
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	283	4	6	14	4				
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	240	10	23						
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	143	187	185	666	179			132	92
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	70	522	755	995	755			170	195
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	42	872	1,937	1,970	1,935	3	2	1	2
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	31	2,379	2,665	3,770	2,663	1	2	931	1,117
1654120	LEMON JUICE, CONC, FRZN	SSG	183	60	87	137	87				
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	92	354	468	801	468				
1655400	GRAPE JUICE CONCENTRATED FRZ	SSG	303	1	2	3	2				
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	154	87	154	150	149	4	5	2	5
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	237	10	25	8C	25			6	15
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	108	236	350	359	319			223	319
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	88	200	513	756	491				
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	274	13	9	13	7	2	2	13	7
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	298	1	4	10	4				
1663040	VEGETABLE JUICES, NSPF	GAL	127	118	238	265	168	474	63		
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	125	108	248	673	229	107	19	14	35
1673100	STILL WINE NT OV 14% ALCOHOL	WG	8	2,671	14,895	32,109	14,054	107	585	2,344	13,024
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	38	465	2,148	4,956	2,066	144	53	434	2,008
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	181	23	88	165	60	59	28	7	32
1683000	BRANDY	PFG	188	8	79	137	79				
1755120	SUNFLOWER SEED,CONFECTIONERY	LB	62	4,158	921						
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	193	103	75	100	71				
1761340	COTTONSEED OIL, ONCE-REFINED	LB	261	69	14	69	14				
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	304	3	2			4	2		
1769180	JOJOBA OIL, UNMIXED	LB	190	13	77	14	71	1	7	12	72
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	69	2,871	762	2,860	718	5	2	69	65
1775640	TALLOW, INEDIBLE	LB	67	4,445	776	4,445	776				
1775900	WOOL GREASE	LB	174	47	104	16	27	2	6		
1777360	CHOICE WHITE GREASE	LB	293	52	4						
1777385	YELLOW GREASE	LB	287	29	6						
1777390	OTHER TALLOW, NSPF	LB	169	250	111	275	111			250	111
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	278	3	9			3	9		
1786000	SALAD & COOKING OIL, MIXTURE	LB	299	7	4			15	4		
1787020	BAKING FATS, MIX OF VEG OILS	LB	132	263	218	81	67				
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	268	8	11	6	7	2	4		
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	118	349	316	101	72				
1821200	BALLS,ETC,VEG A/OR MT OR FSH	LB	266	6	11	11	11			6	11

-- UNITED KINGDOM CONTINUED ON NEXT PAGE --

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1624420	CATSUP AND CHILI SAUCE	LB	307	7	2	11	2				
1625120	SOUPS,DRIED OR DEHYDRATED	LB	295	2	6	2	6			1	4
1625140	SOUPS, N S P F	LB	166	250	121	257	104				
1627000	WILD RICE CRUDE OR PROCESSED	LB	105	343	362	143	170	1	2	41	80
1629420	POTATO CHIPS AND STICKS	LB	264	18	13	21	13				
1629740	MIXED SEASONINGS	LB	171	69	109	14	40	15	32	2	4
1629742	VEG FLOURS & GRITS, DEFATTED	LB	101	1,461	405	16	8				
1629744	VEG FLOUR/GRITS NON-DEFATTED	LB	221	126	36			20	3		
1629752	VEGETABLE PROTEIN ISOLATES	LB	39	2,120	2,084	1,527	1,559	6	3		
1629754	VEG PRO CONCENTRATES, ETC	LB	148	284	179	7	5	172	89	41	21
1629760	EDIBLE PREP, NSPF, CANNED	LB	120	510	297	487	266				
1629770	EDIBLE PREP, NSPF, FROZEN	LB	115	581	32[illegible]	290	168	1	2	50	55
1629780	EDIBLE PREPARATIONS, NSPF	LB	46	1,835	1,758	701	685	195	332	57	178
1641040	RICE BY-PRODUCTS,ANIMAL FEED	STN	235	0	26	339	23				
1641060	BRAN,ETC FRM MLLNG GRN,NSPF	STN	280	0	14						
1642000	BEET PULP, DRIED	STN	39	5	510	10,698	510				
1643600	HAY AND STRAW	STN	259	0	15	162	11				
1644800	GRAIN HULLS, SCREENINGS, ETC	STN	244	0	21	296	21				
1645290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	204	0	56	825	56				
1646520	MEAT, INEDIBLE, FR, CHLD, FZ	LB	7	71,409	16,969	74,007	16,968				
1648032	DOG & CAT FOOD, RETAIL SALE	LB	24	3,353	4,061	2,239	1,269			253	215
1648034	PET FOOD NSPF, RETAIL SALE	LB	112	497	340	414	263	14	19	0	2
1648035	POULTRY FEEDS, PREPARED	STN	225	0	33	108	21				
1648040	DAIRY CATTLE FEED, PREPARED	STN	270	0	10	125	10				
1648045	LIVESTOCK FEED, PREP, NSPF	STN	40	26	2,082	50,225	1,709	4	14	0	5
1648070	CITRUS PULP PELLETS	STN	17	53	5,787	105,379	5,787				
1648080	OTHER ANIMIAL FEEDS, NSPF	STN	73	4	711	4,015	465			0	66
1660500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	135	11	84	9	15				
1665700	HAIR AND BRISTLES, NSPF	LB	151	52	[illegible]2	52	169	2	2		
1911520	BULL SEMEN (BOVINE)		50	0	1,467			5	1,467		
1912550	ANIMAL PRODUCTS, CATTLE EMB		90	1	622			1	622		
1912570	ANIMAL PRODUCTS, NSPF		128	0	231	112	64	6	81		15
1920600	SEAWEED AND CARRAGEENIN	LB	226	122	30	122	29			118	17
1921120	CUT FLOWERS, FRSH SPRAYS ETC		179	0	89			43	57		
1921140	FOLIAGE,ORNAMENTAL PURPOSES		117	0	316	65	35	295	281		
1922520	HOP PELLETS	LB	172	68	109	31	40			1	4
1922540	HOPS, OTHER	LB	86	359	534	10	13				
1923200	HOP EXTRACT AND LUPULIN	LB	95	86	456	32	174	20	99	2	9
1926200	STRAWS, FIBROUS VEG PRODUCTS	LB	275	1	9			1	3	1	3
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	107	3,201	358	3,239	303	3	16		
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	300	0	3			6	3		
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	6	52	18,610	27,147	18,610			11	3,786
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	29	7	2,803	3,349	2,771			3	1,027
3003011	COTTON FELTING LINTER 1 TO 7	LB	212	225	43	143	22			143	22
3003021	COTTON LINTERS, OTHER	LB	159	1,054	141	1,086	141				
4523400	LEMON OIL	LB	81	81	558	73	373	1	122	0	7
4524400	ORANGE OIL	LB	124	109	269	115	193	10	74	12	14
7482500	FLOWERS, CUT NATURAL,DRIED		123	0	281	6	26	9	75		
7482900	OTHER DRIED PLANTS, N.S.P.F.		207	0	54	6	49	2	2		
	TOTALS FOR UNITED KINGDOM				$463,935	800,122	$270,951	38,317	$121,579		$125,595
USSR	COUNTRY RANK 3										
1009640	LIVE ANIMALS, NSPF		11	0	32			1	32		
1068400	BEEF LIVER, FRESH, ETC	LB	17	40	10	42	10				
1178600	CHEESES, NSPF	LB	13	10	16	12	16				
1181200	INFNTS DIET SUPP,DRY MILK	LB	9	193	241						
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		19	0	2			0	2		
1260140	ALFALFA SEED, CERTIFIED	LB	14	13	16						
1271590	SEEDS, NSPF	LB	15	22	14	22	14				
1303440	CORN SEED,EXC SWT,NT DONATED	LB	12	33	31	1	7	6	8		
1303465	YELLOW CORN, NOT DONATED	BU	1	308,408	886,082	17,270,881	886,082				
1303475	CORN, NSPF, NOT DONATED	BU	7	873	1,729	48,914	1,729				
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	6	4,980	13,566	278,878	13,566				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	2	293,752	750,323	17,627,533	750,323			1,156	3,244
1403300	PEAS, SEED	LB	10	71	48						
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	18	12	6	16	6				
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	3	34,611	46,848	36,255	46,848			34,611	46,848
1673100	STILL WINE NT OV 14% ALCOHOL	WG	16	4	11	16	11				
1775640	TALLOW, INEDIBLE	LB	5	143,298	26,382	143,298	26,382				
1911520	BULL SEMEN (BOVINE)		8	0	605			4	605		
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	4	95	31,033	48,515	31,033				
	TOTALS FOR USSR				$1,756,997	35,454,383	$1,756,029	11	$647		$50,093
VENEZUELA	COUNTRY RANK 15										
1000210	CHICKENS, BREEDER STOCK,EGG	NO	83	47	59			2	59		
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	15	395	2,125			29	2,125		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	42	289	363			9	363		
1000260	TURKEYS, LIVE, DOWNY STAGE	NO	115	3	13			23	13		
1004120	CATTLE,BEEF,BREEDING,MALE	NO	21	1	1,134			364	1,134		
1004140	CATTLE,BEEF,BREEDING,FEMALE	NO	43	0	353	175	337	16	16		
1004160	CATTLE,DAIRY,BREEDING,MALE	NO	30	0	738	28	103	184	634		
1004180	CATTLE,DAIRY,BREEDING,FEMALE	NO	9	6	6,919	3,895	5,832	631	1,086		
1007100	HORSES FOR BREEDING	NO	37	0	481			256	481		
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	124	0	9			3	9		

--VENEZUELA CONTINUED ON NEXT PAGE--

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1008300	SWINE, LIVE	NO	16	3	2,054			281	2,054		
1009620	ANIMALS,LIVE,NSPF FOR FOOD	NO	55	9	121			22	121		
1009640	LIVE ANIMALS, NSPF		49	0	271			47	271		
1054100	CHICKEN PIECES,FRESH, ETC.	LB	136	2	4			2	4		
1055120	TURKEYS,WHOLE,FRESH,ETC	LB	153	1	2			1	2		
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	139	2	4			2	4		
1073420	BEEF,EX CRCSS,FRESH,ETC	LB	132	2	6			2	6		
1073840	VEAL,EX CRCSS,FRESH,ETC	LB	109	6	18			6	18		
1074600	BEEF & VEAL,EX SAUSAGE,NSPF	LB	135	3	4	4	4				
1075500	MT & EDBL OFFL,PREP EX CANND	LB	131	6	6			7	6		
1155700	DRIED MILK AND CREAM, NSPF	LB	144	1	2			1	2		
1178200	AMER TYPE CHEESE,EX CHEDDAR	LB	91	27	40	30	40				
1175600	CHEESES, NSPF	LB	110	4	17	1	2	4	16		
1180500	WHEY, DRIED	LB	31	1,030	705	1,081	705				
1186000	MILK PRODUCTS, NSPF		72	0	91	110	91				
1195100	SHELL EGGS FOR HATCHING	DOZ	36	296	492			573	492		
1195300	EGGS IN THE SHELL, NSPF	DOZ	73	90	36			18	86		
1196520	EGG ALBUMEN(WHITES),DRIED	LB	111	6	17	6	17				
1196540	WHL EGGS,OR YLKS,W/SHLL,DRD	LB	105	7	20	7	20				
1201400	CATTLE HIDES, WHOLE	PC	19	25	1,499	1,382	1,499				
1202092	PIG AND HOG SKINS	NO	51	50	250	950	250				
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		123	0	9			3	9		9
1255200	FRUIT AND NUT PLANTS, ETC		31	0	70	29	38	10	32		
1258100	LIVE PLANTS, NSPF		70	0	100			14	100		
1260120	ALFALFA SEED, UNCERTIFIED	LB	32	61	67	62	67				
1260140	ALFALFA SEED, CERTIFIED	LB	84	32	57	32	57				
1260300	SUGAR BEET SEED	LB	145	1	2	1	2			1	2
1260500	BEET SEED, EXCEPT SUGAR BEET	LB	117	4	12	7	12			4	12
1261700	SEED, CARROT	LB	119	2	11	3	11			2	11
1265700	MILLET	LB	90	404	41	362	35				
1266100	ONION SEED	LB	14	144	2,670	158	2,670			26	317
1267100	PEPPER SEED	LB	61	21	153	25	151	1	2	20	78
1268700	TREE AND SHRUB SEEDS	LB	92	4	37			4	37		
1271510	CANTALOPE SEED	LB	60	22	153	30	153			22	153
1271515	CUCUMBER SEED	LB	93	7	37	10	37			6	31
1271530	LETTUCE SEED	LB	100	4	28	5	28			2	17
1271550	TOMATO SEED	LB	35	4	439	5	111	1	327	3	36
1271570	WATERMELON SEED	LB	74	19	85	25	85			11	63
1271580	VEGETABLE SEEDS, NSPF	LB	10	709	5,962	910	5,774	14	187	75	935
1271590	SEEDS, NSPF	LB	12	1,335	4,113	1,861	4,020	5	92	12	92
1303420	SWEET CORN SEED, NOT DONATED	LB	130	3	8	4	8				
1303440	CORN SEED,EXC SWT,NT DONATED	LB	56	67	52	68	52				
1304020	GRAIN SORGHUM SEED	LB	41	1,013	365	1,035	350	2	15		
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	1	67,180	170,956	3,761,490	170,956				
1305000	RICE, PADDY OR ROUGH	LB	5	83,775	7,011	83,775	7,011				
1306000	RYE	BU	97	7	30	401	30				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	2	16,652	72,228	999,167	72,228				
1313030	MD RICE,LG GRN,X PRBL,NT DON	LB	6	64,621	8,825	64,783	8,825				
1313070	BROKEN RICE, NOT DONATED	LB	52	6,613	677	6,614	677				
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	154	0	2	16	2			0	2
1321700	MALTS	LB	77	187	79	191	79				
1322700	MALT EXTRACT	LB	47	563	294	581	294				
1324020	CORNSTARCH, INCLUDING MILO	LB	116	14	12	14	12				
1324040	STARCHES, NSPF	LB	112	31	16	33	16				
1354000	GARLIC, FRESH OR CHILLED	LB	67	49	105	51	105			4	5
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	147	5	2	5	2				
1363000	PEAS, FROZEN	LB	28	1,786	750	1,862	750				
1387000	VEGETABLES, NSPF, FROZEN	LB	94	69	35	72	33	3	2		
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	33	2,411	642	2,422	642				
1400520	LIMA BEANS,BABY	LB	142	9	3	9	3				
1400540	LIMA BEANS,OTHER THAN BABY	LB	122	30	10	30	10				
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	76	264	81	264	81				
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	69	440	101	442	101				
1401800	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	13	12,265	3,336	12,307	3,336				
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC	LB	79	675	76	699	76				
1403100	BEANS, SEED	LB	146	3	2			3	2		
1403500	LENTILS,DRIED,ETC	LB	103	110	23	110	23				
1405100	GARLIC,DRIED,ETC.,EXC. FLOUR	LB	22	834	1,095	890	1,095			509	666
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	52	213	231	229	231			213	231
1407100	VEGETABLES REDUCED TO FLOUR	LB	101	19	27	21	27			5	4
1410100	ASPARAGUS,CND,EXCL. PICKLED	LB	148	1	2	1	2				
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	126	27	9	31	9				
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	59	269	166	305	166				
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	85	100	45	125	45				
1415700	VEGETABLES,EX CUCUMBERS,PKLD	LB	99	32	29	32	29				
1442500	MUSHROOMS, CANNED	LB	140	1	3	1	3				
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	62	83	153	85	153			69	134
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	48	308	291	317	291			59	55
1453540	NUTS,NSPF,NT SHLD OR ROASTED	LB	45	409	316	410	316				
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	40	261	410	273	410			86	165
1454900	PECANS,SHELLED,NOT BLANCHED	LB	134	25	5	30	5				
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	64	121	111	125	111			28	42
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	98	17	30	17	30				
1456100	ALMONDS, PREPARED, PRESERVED	LB	102	10	26	2	6	8	20	1	4
1457520	PISTACHIOS, PREP OR PRESRVD	LB	96	11	30	12	30				
1457547	OTHER NUTS,PREP OR PRESERVED	LB	120	8	11	11	11				
1459000	MIXTURES OF EDIBLE NUTS	LB	133	2	5	2	5				
1461000	APPLES, FRESH	LB	114	70	14	71	14				
1476500	GRAPES, FRESH	LB	113	26	14	26	14				
1491700	PRUNES AND PLUMS, FRESH	LB	87	51	48	51	48				
1504500	DATES, DRIED	LB	141	1	3	1	3				
1506500	GRAPES (RAISINS), DRIED	LB	26	1,114	893	1,166	893			596	390
1508000	PRUNES, DRIED	LB	29	1,323	739	1,425	739			383	375
1508500	FRUITS, DRIED, NSPF	LB	106	36	20	39	20				

--VENEZUELA CONTINUED ON NEXT PAGE--

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1510500	FRUIT IN BRINE, NSPF	LB	152	2	2			2	2		
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	57	370	180	403	180				
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	88	37	45	48	34	10	12		
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	104	53	22	54	22				
1616100	MUSTARD SEEDS	LB	138	87	20	87	20				
1621700	SPICE AND SPICE SEEDS, NSPF	LB	44	317	350	325	334	13	16		
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	143	1	3	7	3				
1663040	VEGETABLE JUICES, NSPF	GAL	131	1	2	4	2				
1673100	STILL WINE NT OV 14% ALCOHOL	WG	68	16	102	139	102				
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	65	8	110	93	110				
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	24	181	941	1,532	875			118	681
1751500	COTTONSEED	LB	150	5	2	5	2				
1755120	SUNFLOWER SEED,CONFECTIONERY	LB	55	264	205	134	179				
1761840	COTTONSEED OIL, ONCE-REFINED	LB	3	100,059	23,598	100,059	23,598				
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	50	305	259	302	257	6	2		
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	149	3	2			4	2		
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	46	956	295	960	291	2	3		
1775640	TALLOW, INEDIBLE	LB	4	111,108	19,016	111,221	19,016				
1775900	WOOL GREASE	LB	75	43	83	46	83			3	7
1777360	CHOICE WHITE GREASE	LB	27	1,175	827	1,279	827				
1777365	YELLOW GREASE	LB	20	9,902	1,442	9,902	1,442				
1777390	OTHER TALLOW, NSPF	LB	123	4	8	2	5	2	2		
1783540	COTTONSEED OIL, HYDROGENATED	LB	39	1,763	427	1,763	427				
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	71	67	98	75	98				
1787020	BAKING FATS, MIX OF VEG OILS	LB	137	8	4	9	4				
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	53	256	228	257	226	1	2		
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	66	185	109	190	109				
1825600	VINEGAR	GAL	121	2	10	66	10				
1829740	MIXED SEASONINGS	LB	54	149	228	146	200	17	28		
1829752	VEGETABLE PROTEIN ISOLATES	LB	11	3,788	4,353	3,860	4,353				
1829754	VEG PRO CONCENTRATES, ETC	LB	129	10	8	11	8				
1829760	EDIBLE PREP, NSPF, CANNED	LB	107	13	20	13	20				
1829780	EDIBLE PREPARATIONS, NSPF	LB	13	1,429	1,560	1,469	1,553	6	7	72	50
1848034	PET FOOD NSPF, RETAIL SALE	LB	138	7	4	7	4				
1848035	POULTRY FEEDS, PREPARED	STN	23	2	1,084	4,538	1,084				
1848045	LIVESTOCK FEED, PREP, NSPF	STN	35	13	553	27,652	553				
1848060	OTHER ANIMIAL FEEDS, NSPF	STN	34	3	568	6,523	568				
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	80	11	75	11	75			11	75
1865700	HAIR AND BRISTLES, NSPF	LB	85	9	53	7	50	2	3		
1911520	BULL SEMEN (BOVINE)		7	0	7,581	52	228	63	7,353		
1912520	PANCREAS GLANDS		56	0	195			36	195		
1920600	SEAWEED AND CARRAGEENIN	LB	25	171	911	184	905	2	6		
1921120	CUT FLOWERS, FRSH SPRAYS ETC		127	0	8			3	8		
1922520	HOP PELLETS	LB	73	21	77	23	77				
1922540	HOPS, OTHER	LB	95	10	32	11	32				
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	118	9	12			13	12		
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	5	21	8,868	10,112	8,868				
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	17	4	1,733	2,600	1,733				
4523400	LEMON OIL	LB	125	1	9	1	7	0	2		
4524400	ORANGE OIL	LB	58	71	173	75	168	5	5		
	TOTALS FOR VENEZUE				$378,890	5,239,489	$361,303	2,735	$17,488		$4,639

WEST GERMANY COUNTRY RANK 10

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK,EGG	NO	191	10	47			1	47	10	47
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	155	44	110			6	110		
1007100	HORSES FOR BREEDING	NO	55	0	875			126	875	0	3
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	85	0	450			85	450	0	136
1009640	LIVE ANIMALS, NSPF		70	0	612			30	612		25
1054120	CHICKENS,YOUNG,WHOLE,FRESH	LB	163	79	97	80	97				
1054160	CHICKEN PIECES,FRESH, ETC.	LB	106	783	311	798	311				
1055120	TURKEYS,WHOLE,FRESH,ETC	LB	192	79	44	81	44				
1055140	TURKEY PIECES,FRESH, ETC	LB	28	5,449	2,685	5,602	2,685				
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	176	100	64	100	64				
1057100	POULTRY LIVERS,FRESH, ETC	LB	84	1,306	453	1,329	453				
1058100	BIRD MEAT, CANNED	LB	221	2	18	3	18				
1058300	BIRD MEAT,PREP,EX CANNED	LB	200	45	38	46	38				
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	65	211	662	223	662				
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	16	1,374	3,695	1,092	2,501	351	1,194	7	22
1061080	VEAL,CRCSS,FRESH,CHILLED,ETC	LB	208	9	26	10	26				
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	175	15	64	16	59	0	5		
1065100	HORSEMEAT,CRCSS,FRESH,ETC	LB	119	394	257	404	257				
1065200	MEAT,CRCSS,NSPF,FRESH,ETC	LB	232	8	13			9	13		
1068200	BEEF TONGUES, FRESH, ETC	LB	159	86	103	89	103				
1068400	BEEF LIVER, FRESH, ETC	LB	147	220	150	225	150				
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	100	287	359	257	303	46	56		
1069600	MEAT OFFAL,NSPF,FRESH,ETC	LB	199	99	38	60	22	45	16		
1070200	SAUSAGES,ETC, EXC CANNED	LB	195	8	43	8	43			2	31
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	136	82	186	34	106	11	42		
1074200	BEEF AND VEAL, CANNED	LB	230	12	13	15	13			12	13
1074600	BEEF & VEAL,EX SAUSAGE,NSPF	LB	198	11	38	14	38				
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	188	55	49	37	26	23	23		
1076600	MT & EDBL OFFL,PREP EX CANND	LB	217	16	20	0	2	18	18		
1078000	MEAT EXTRACT,INCLUDING FLUID	LB	227	5	15						
1155040	NONFAT DRY MILK,NOT DONATED	LB	12	6,388	5,319						
1160100	BUTTER	LB	202	42	35						
1171700	CHEDDAR CHEESE	LB	234	1	12	1	12				
1178200	AMER TYPE CHEESE,EX CHEDDAR	LB	194	30	44	33	44				
1178600	CHEESES, NSPF	LB	246	4	6	3	4	1	2		
1180000	WHEY, FLUID	GAL	229	1	13			4	13		

--WEST GERMANY CONTINUED ON NEXT PAGE--

TABLE 7.

1986 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1180500	WHEY, DRIED	LB	73	2,390	573	11	15	44	33		
1181000	YOGURT, OTHER FERMENTD MILK	LB	261	3	2			4	2		
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	243	1	7	1	7				
1182500	ICE CREAM	GAL	50	358	1,019	929	1,019				
1186000	MILK PRODUCTS, NSPF		133	0	192			28	41		
1195100	SHELL EGGS FOR HATCHING	DOZ	95	29	406			50	406		
1195300	EGGS IN THE SHELL, NSPF	DOZ	205	9	31	9	31				
1196520	EGG ALBUMEN(WHITES),DRIED	LB	64	371	671	399	671				
1196540	WHL EGGS,OR YLKS,N/SHLL,DRD	LB	63	360	636	347	576				
1201400	CATTLE HIDES, WHOLE	PC	15	96	4,900	1,401	1,140				
1201740	WHOLE KIP SKINS	PC	210	1	24	23	24			0	4
1201755	CATTLE HIDE CROUPONS ETC	PC	181	1	55	40	55				
1201765	BOVINE HIDES,EXC WHOLE,NSPF	LB	172	291	78						
1202022	SHEEP SKNS ETC W/WL ON SKN	PC	128	64	216	80	88			4	44
1202092	PIG AND HOG SKINS	NO	148	33	149	109	149				
1202095	OTHER HIDES AND SKINS,NSPF	NO	115	0	275	5	39	17	237		
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	39	217	1,746	603	835	85	337	31	319
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		166	0	91	55	56	2	35		11
1255200	FRUIT AND NUT PLANTS, ETC		250	0	4			1	4		
1258100	LIVE PLANTS, NSPF		56	0	821	458	332	104	483		205
1260120	ALFALFA SEED, UNCERTIFIED	LB	259	2	2						
1260140	ALFALFA SEED, CERTIFIED	LB	262	1	2						
1260300	SUGAR BEET SEED	LB	126	43	218	41	211	3	8		
1261700	SEED, CARROT	LB	240	1	8			1	8		
1263200	CLOVER SEED, NSPF	LB	197	70	41	70	41				
1264100	FLOWER SEED	LB	53	35	969	32	361	6	539	22	562
1265700	MILLET	LB	34	28,587	2,126						
1266100	ONION SEED	LB	207	3	29	4	29			3	29
1268700	TREE AND SHRUB SEEDS	LB	93	17	409			18	393	1	22
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	66	333	656	281	597	16	16	40	77
1271515	CUCUMBER SEED	LB	186	12	52	15	52			2	26
1271530	LETTUCE SEED	LB	228	3	14	3	14				
1271545	SQUASH SEED	LB	223	2	18	1	9	1	8	2	18
1271570	WATERMELON SEED	LB	214	7	22	2	6	6	16		
1271580	VEGETABLE SEEDS, NSPF	LB	67	250	654	267	597	4	15	49	185
1271590	SEEDS, NSPF	LB	94	126	408	58	56	41	172	3	17
1301700	BUCKWHEAT AND CANARY SEED	LB	121	705	255						
1303420	SWEET CORN SEED, NOT DONATED	LB	124	110	231	91	216	21	16		
1303440	CORN SEED,EXC SWT,NT DONATED	LB	153	137	104	97	83	41	21		
1303465	YELLOW CORN, NOT DONATED	BU	20	1,284	3,523	71,657	3,514				
1304020	GRAIN SORGHUM SEED	LB	143	382	165	385	165				
1305000	RICE, PADDY OR ROUGH	LB	176	451	42	199	13			198	18
1305520	RICE,HUSKED,BROWN,LONG GRAIN	LB	91	2,660	425	2,560	406				
1305560	RICE,HUSKED,BRWN,SHORT GRAIN	LB	247	12	5	4	2				
1306000	RYE	BU	252	1	4						
1306540	WHEAT,UNMILLED,NOT DONATED	BU	43	302	1,075	17,657	1,047				
1313010	RICE, DONATED FOR RELIEF	LB	171	851	80	852	80			851	80
1313015	LG GR PRBL MD RICE,NT RELIEF	LB	24	23,225	3,080	23,212	3,066	56	14	26	56
1313025	MD RICE NSPF PRBL, NT RELIEF	LB	169	498	84	504	34			64	16
1313030	MD RICE,LG GRN,X PRBL,NT DON	LB	117	1,620	265	1,620	265				
1313040	MD RICE,MD GRN,X PRBL,NT DON	LB	81	3,174	515	3,215	515			2,100	389
1313050	MD RICE,SH GRN,X PRBL,NT DON	LB	244	34	7	34	7			34	7
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	226	2	15						
1324020	CORNSTARCH, INCLUDING MILO	LB	51	3,446	1,011	296	74				
1324040	STARCHES, NSPF	LB	105	626	315			71	29		
1351800	ASPARAGUS, FRESH OR CHILLED	LB	129	179	212			199	212	66	80
1352100	BEANS, FRESH OR CHILLED	LB	239	23	9			24	9		
1352300	BROCCOLI, FRESH OR CHILLED	LB	213	84	22	88	22				
1353700	SWEET CORN, FRESH OR CHILLED	LB	216	60	21	51	19	9	2		
1354300	LETTUCE, FRESH OR CHILLED	LB	245	12	6			14	6	12	6
1354500	ONIONS,FRSH OR CHLLD,EX SETS	LB	263	6	2			6	2	6	2
1355300	TOMATOES, FRESH OR CHILLED	LB	235	32	12			33	12		
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	203	42	32			50	32	7	9
1382000	CORN, SWEET, FROZEN	LB	113	894	257	322	101				
1383000	PEAS, FROZEN	LB	114	1,074	279	1,104	279				
1387000	VEGETABLES, NSPF, FROZEN	LB	96	408	403	444	400	9	4	46	16
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	31	8,875	2,398	271	52				
1400700	NAVY/PEA BNS,X SEEDS,DRD,ETC	LB	47	5,817	1,094						
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	123	1,021	237						
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	88	1,430	437	667	236			663	236
1401500	WHT BNS,NSPF,X SEEDS,DRD,ETC	LB	132	887	192	890	192			31	7
1401800	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	112	1,254	281	939	189				
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC	LB	249	9	4						
1403100	BEANS, SEED	LB	74	1,074	569	927	527			765	456
1403300	PEAS, SEED	LB	131	1,108	205	1,180	205			943	163
1403500	LENTILS,DRIED,ETC	LB	110	1,521	286	1,491	266				
1404100	LEG. VESS NSPF EX FLOUR, DRY	LB	212	33	23						
1405100	GARLIC,DRIED,ETC.,EXC. FLOUR	LB	62	833	674	909	674			580	495
1405300	ONIONS,DRIED,ETC.,EXC. FLOUR	LB	14	5,961	5,200	6,359	5,200			4,184	3,508
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	256	2	2			2	2		
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	58	445	784	505	784			445	784
1407100	VEGETABLES REDUCED TO FLOUR	LB	72	870	602	920	602			864	587
1410100	ASPARAGUS,CND,EXCL. PICKLED	LB	233	81	12						
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	184	167	53	192	53			167	53
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	260	2	2	2	2			2	2
1410500	CORN, CANNED, EXCL. PICKLED	LB	9	38,206	13,045	3	2			3	2
1417500	VEGETABLES, PREP, PRES, NSPF	LB	154	92	114	61	62	39	48	1	2
1441000	MUSHROOMS, FRESH	LB	113	132	281			33	151	28	143
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	141	195	173	134	104	3	2	119	106
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	43	1,474	1,598	1,506	1,598			1,043	1,034
1452200	PECANS,NOT SHELLD OR ROASTED	LB	170	51	47	51	47				
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	5	30,255	21,526	31,477	21,512	9	14	14,311	1[illegible],509
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	122	116	246	122	246			116	246
1453540	NUTS,NSPF,NT SHLD OR ROASTED	LB	116	262	268	267	268				

--WEST GERMANY CONTINUED ON NEXT PAGE--

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	1	89,573	120,180	93,659	120,099			67,038	90,551
1454900	PECANS,SHELLED,NOT BLANCHED	LB	136	181	192	190	190	1	2		
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	38	2,322	1,921	2,478	1,806	9	14	1,630	1,280
1455720	PISTACHIOS, SHELLED	LB	139	87	179	104	179			87	179
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	167	86	89	104	89			49	63
1456100	ALMONDS, PREPARED, PRESERVED	LB	3	23,976	37,188	25,472	37,169	5	10	14,215	22,133
1457520	PISTACHIOS, PREP OR PRESRVD	LB	187	14	49	22	49			14	49
1457542	MACADAMIA, PREP OR PRESERVED	LB	135	28	191	45	186	1	5	24	165
1457545	CASHEWS, PREP OR PRESERVED	LB	254	0	3	1	3				
1457547	OTHER NUTS,PREP OR PRESERVED	LB	71	400	611	440	611			242	313
1461300	APPLES, FRESH	LB	120	1,189	256	469	79	137	32		
1463500	AVOCADOS, FRESH	LB	90	863	426			949	426	161	82
1465500	STRAWBERRIES, FRESH	LB	63	573	671			652	671	572	564
1466500	BERRIES, FRESH, NSPF	LB	99	526	391	459	325	101	67	173	120
1469520	CHERRIES, SWEET, FRESH	LB	12	929	690			39	50	23	45
1471500	GRAPEFRUIT, FRESH	LB	11	30,751	5,719	31,474	5,716	7	2	39	5
1472200	LIMES, FRESH	LB	236	35	9			37	9		
1473120	TANGERINES, FRESH	LB	144	715	164	740	164			230	51
1473130	TEMPLE ORANGES, FRESH	LB	225	87	18	91	18				
1473140	ORANGES, FRESH, NSPF	LB	192	236	54	237	51	15	3	184	42
1473500	CITRUS FRUITS, FRESH, NSPF	LB	218	75	20			80	20		
1475500	GRAPES, FRESH	LB	101	432	355	317	180	199	175	317	291
1487500	PEACHES & NECTARINES, FRESH	LB	215	19	21			20	21	19	21
1488500	PEARS, FRESH	LB	103	1,493	297	1,653	297			99	18
1491700	PRUNES AND PLUMS, FRESH	LB	204	51	31			56	31	51	31
1493050	KIWIFRUIT, FRESH	LB	111	409	284	463	284			91	86
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	255	5	2			6	2		
1497500	BERRIES, FROZEN, NSPF	LB	80	876	524	858	440	45	84	36	84
1499000	FRUITS, FROZEN, NSPF	LB	224	48	13						
1501200	APPLES, DRIED	LB	143	96	54	94	49			82	47
1502200	APRICOTS PEACHES PEARS DRIED	LB	133	156	181	161	172	6	10	148	166
1504500	DATES, DRIED	LB	160	69	103	67	85	9	17	54	91
1505200	FIGS, DRIED	LB	253	11	3	12	3				
1506500	GRAPES (RAISINS), DRIED	LB	7	20,462	13,956	22,156	13,956			18,599	12,708
1508000	PRUNES, DRIED	LB	6	19,352	16,385	21,393	16,385			17,610	14,980
1508500	FRUITS, DRIED, NSPF	LB	201	10	37	11	37			5	19
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	165	112	95	116	95			112	95
1510500	FRUIT IN BRINE, NSPF	LB	211	52	24						
1512000	MARASCHINO CHERRIES, PREP	LB	193	49	44	46	35	11	9	40	35
1512520	CHERRIES, SWEET, NSPF, PREP	LB	220	5	19	6	19				
1513000	BERRIES, PREPARED OR PRES	LB	130	95	57	109	57			30	22
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	145	489	160	499	160			2	2
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	256	12	2	12	2			12	2
1515000	OLIVES, CANNED	LB	242	6	7	8	7			6	7
1516000	PEACHES AND NECTARINES, PREP	LB	255	16	3	16	3			16	3
1518500	FRUIT NSPF, PREP, PRESERVED	LB	152	197	126	215	126			197	126
1519500	FRUIT MIXTURES, NSPF, PREP	LB	179	147	59	157	59				
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	23	9,058	3,089	9,601	2,805			7,071	2,256
1525500	FRUIT BABY FOOD, CANNED	LB	156	60	110	33	55				
1523000	FRUIT PASTE, PULP, FLOUR ETC	LB	61	3,099	701	3,328	701				
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	46	3,647	1,144	45,023	1,144				
1557000	HONEY	LB	32	4,486	2,355	1,899	834			473	275
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	69	735	630	570	426	13	15		
1621700	SPICE AND SPICE SEEDS, NSPF	LB	29	1,582	2,572	1,669	2,494	10	68	298	1,110
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	251	4	4	47	4				
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	185	62	53	69	48	74	5		
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	163	117	85	122	72	8	13	111	72
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	27	2,299	2,777	4,901	2,777			915	1,205
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	178	64	61	109	55	6	6		
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	49	555	1,065	1,417	1,065				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	17	3,417	3,668	6,594	3,668			1,980	2,544
1654120	LEMON JUICE, CONC, FRZN	SSG	127	229	218	374	218			229	218
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	35	3,509	2,103	6,690	2,100	3	3		
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	157	42	104	139	75				
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	209	15	24			29	24	15	24
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	78	221	538	716	538			14	20
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	153	102	115	186	115			98	107
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	89	645	427	717	427			620	398
1663040	VEGETABLE JUICES, NSPF	GAL	151	50	129	96	102	60	27		
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	189	20	48	34	26	34	21		
1673100	STILL WINE NT OV 14% ALCOHOL	WG	42	235	1,643	1,220	1,568	14	16	207	1,473
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	102	38	342	283	329	7	16	17	39
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	92	8	413	89	413			4	19
1683000	BRANDY	PFG	174	7	71	38	71				
1751800	FLAXSEED (LINSEED)	LB	150	2,434	131						
1755120	SUNFLOWER SEED,CONFECTIONERY	LB	8	46,032	13,709						
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	162	172	102	180	102			9	3
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	30	7,240	2,407	7,240	2,407			7,213	2,383
1769180	JOJOBA OIL, UNMIXED	LB	54	139	934	191	878	12	56	133	896
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	45	1,056	1,177	992	1,112	80	25	886	970
1775640	TALLOW, INEDIBLE	LB	26	22,306	2,830	22,307	2,830				
1775900	WOOL GREASE	LB	130	114	210	56	92	15	32		
1777385	YELLOW GREASE	LB	140	772	174	841	174				
1777390	OTHER TALLOW, NSPF	LB	87	600	437	661	437			600	437
1783540	COTTONSEED OIL, HYDROGENATED	LB	177	89	63	102	63				
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	107	258	305	39	25	27	15		
1786000	SALAD & COOKING OIL, MIXTURE	LB	173	170	71	209	71			143	67
1787020	BAKING FATS, MIX OF VEG OILS	LB	161	160	102	54	28	18	10	39	22
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	98	1,376	398	1,403	398			1,102	165
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	109	359	288	48	31			4	4
1825140	SOUPS, N S P F	LB	206	8	29	8	29				
1827000	WILD RICE CRUDE OR PROCESSED	LB	125	244	229	44	51				
1829420	POTATO CHIPS AND STICKS	LB	237	11	10	11	8	2	2	2	2
1829740	MIXED SEASONINGS	LB	86	326	449	253	348	57	51		

--WEST GERMANY CONTINUED ON NEXT PAGE--

TABLE 7.

1988 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						.000 LBS		.000 LBS			
1629742	VEG FLOURS & GRITS, DEFATTED	LB	241	67	8						
1629752	VEGETABLE PROTEIN ISOLATES	LB	41	2,022	1,674	1,067	921	153	74		
1529754	VEG PRO CONCENTRATES, ETC	LB	162	313	167	35	90	18	9		
1529760	EDIBLE PREP, NSPF, CANNED	LB	231	23	13	23	13				
1629780	EDIBLE PREPARATIONS, NSPF	LB	75	422	549	291	310	83	104	125	203
1541040	RICE BY-PRODUCTS,ANIMAL FEED	STN	219	0	19	346	19				
1542000	BEET PULP, DRIED	STN	70	5	549	10,979	549				
1542500	BREWERS' GRAINS, MALT SPROUT	STN	50	5	706	16,717	706				
1644800	GRAIN HULLS, SCREENINGS, ETC	STN	16	47	3,640	93,590	3,640				
1545290	VEGETAB. OIL CAKE, CAKE-PEAL	STN	248	0	5						
1546020	MEAT, INEDIBLE, FR, CHLD, FZ	LB	22	17,950	3,362	13,706	3,362				
1646040	MEAT & OFFAL, INEDIBLE, NSPF	LB	222	40	19	44	18				
1646032	DOG & CAT FOOD, RETAIL SALE	LB	33	6,321	2,265	2,969	1,686	6	6	1	15
1548034	PET FOOD NSPF, RETAIL SALE	LB	97	821	400	864	397			23	15
1648035	POULTRY FEEDS, PREPARED	STN	146	0	151	699	151				
1546045	LIVESTOCK FEED, PREP, NSPF	STN	37	53	1,836	104,580	1,538				
1848070	CITRUS PULP PELLETS	STN	46	12	1,502	24,529	1,502				
1648090	OTHER ANIMIAL FEEDS, NSPF	STN	59	3	757	6,565	619				
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	57	150	796	125	704	5	32		
1665700	HAIR AND BRISTLES, NSPF	LB	52	958	977	898	862	39	46		
1911520	BULL SEMIN (BOVINE)		13	0	5,297			44	5,297		3,845
1912520	PANCREAS GLANDS		35	0	483	547	483				
1912553	ANIMAL PRODUCTS, CATTLE EMB		79	0	939			45	539		
1912570	ANIMAL PRODUCTS, NSPF		77	0	539	576	214	6	325		253
1920600	SEAWEED AND CARRAGEENIN	LB	137	47	182	50	182				
1921120	CUT FLOWERS, FRSH SPRAYS ETC		21	0	3,450			2,325	3,379		16
1921140	FOLIAGE,ORNAMENTAL PURPOSES		10	0	10,175	7,522	7,376	2,312	2,798		3
1922540	HOPS, OTHER	LB	36	1,262	2,021			9	7		
1923200	HOP EXTRACT AND LUPULIN	LB	40	279	1,745	9	66				
1925200	STRAWS, FIBROUS VEG PRODUCTS	LB	236	1	11			1	11		
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	25	10,700	2,978	11,181	2,976	2	2		
3001030	COTTON NT CRD OR CMS UN 1 IN	RBA	164	0	97	224	97			0	27
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	2	164	59,577	82,241	59,577			53	20,774
3001550	COTTON STN, 1-1/8 IN OR MORE	RBA	4	57	22,394	27,511	22,394			11	4,367
3003021	COTTON LINTERS, OTHER	LB	19	17,869	3,560	18,381	3,560			1,482	337
6523400	LEMON OIL	LB	170	21	80	23	80			12	45
6524400	ORANGE OIL	LB	103	264	336	347	320	3	16	74	83
7452500	FLOWERS, CUT NATURAL,DRIED		149	0	147	122	126	2	21		9
7452900	OTHER DRIED PLANTS, N.S.P.F.		104	0	320	162	158				24
	TOTALS FOR WEST GERMANY				8480,729	943,930	8403,283	9,706	822,095		8210,500

TABLE 8. OTHER AGRICULTURAL COMMODITIES EXPORTED THRU U.S. AND CALIFORNIA PORT DISTRICTS, TOTALS NOT LISTED IN TABLE 6., CALENDAR YEAR 1988

SCHEDULE B NUMBER	COMMODITY	UNIT	EXPORTS THRU CALIFORNIA PORT DISTRICTS		TOTAL U.S. EXPORTS	
			QUANTITY	VALUE	QUANTITY	VALUE
			,000 UNITS	$,000	,000 UNITS	$,000
1000280	DUCKS, GEESE, GUINEAS, DOWNY	NO		0	398	523
1001000	CHICKENS, DUCKS, ETC. NSPF	NO	256	404	3,023	5,665
1007100	HORSES FOR BREEDING	NO	0	5,043	4	53,361
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	0	20,263	24	213,507
1008200	SHEEP, LIVE	NO	0	66	175	8,334
1008300	SWINE, LIVE	NO	0	513	91	16,706
1009620	ANIMALS,LIVE,NSPF FOR FOOD	NO	1	14	1,696	28,825
1009640	LIVE ANIMALS, NSPF			2,712	0	23,195
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	7,645	4,248	16,815	10,398
1057100	POULTRY LIVERS,FRESH, ETC	LB	582	261	16,828	6,324
1058100	BIRD MEAT, CANNED	LB	279	549	908	1,528
1058300	BIRD MEAT,PREP,EX CANNED	LB	3,010	4,203	16,495	17,274
1065100	HORSEMEAT,CRCSS,FRESH,ETC	LB	2,716	2,563	114,082	105,124
1065200	MEAT,CRCSS,NSPF,FRESH,ETC	LB	1,731	2,235	5,993	7,877
1069600	MEAT OFFAL,NSPF,FRESH,ETC	LB	1,500	2,560	24,920	11,140
1070100	SAUSAGES,ETC,CANNED	LB	679	941	2,720	3,111
1070200	SAUSAGES,ETC, EXC CANNED	LB	11,005	11,767	15,884	18,542
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	541	724	2,796	3,702
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	1,455	2,204	2,595	3,527
1076600	MT & EDBL OFFL,PREP EX CANND	LB	2,037	2,469	10,700	10,344
1078000	MEAT EXTRACT,INCLUDING FLUID	LB	319	916	2,404	4,706
1163000	MARGARINE,INCLDNG OLEO	LB	973	398	8,249	2,905
1166000	MILK PRODUCTS, NSPF			1,224	0	7,718
1201740	WHOLE KIP SKINS	PC	683	9,843	937	20,947
1202044	EQUINE HIDES	LB	8,090	2,119	15,917	4,749
1202047	GOAT AND KID SKINS	PC	12	69	182	617
1260300	SUGAR BEET SEED	LB	20	52	515	1,630
1260500	BEET SEED, EXCEPT SUGAR BEET	LB	29	40	182	294
1263140	WHITE CLOVER SEED	LB	6	10	324	383
1263200	CLOVER SEED, NSPF	LB	79	89	2,255	1,365
1265700	MILLET	LB	339	43	99,553	7,782
1268700	TREE AND SHRUB SEEDS	LB	38	559	315	2,667
1271220	SUDAN GRASS SEED	LB	3,951	1,419	5,598	1,965
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	5,347	6,604	20,591	21,780
1301700	BUCKWHEAT AND CANARY SEED	LB	1,547	263	60,902	8,716
1303200	CORN OR MAIZE, DONATED	BU	28	31	9,704	18,394
1303420	SWEET CORN SEED, NOT DONATED	LB	2,942	1,288	17,414	18,595
1303440	CORN SEED,EXC SWT,NT DONATED	LB	2,791	4,469	73,958	66,475
1303465	YELLOW CORN, NOT DONATED	BU	3,756	11,656	1,304,517	5,010,822
1303475	CORN, NSPF, NOT DONATED	BU	192	448	14,835	35,948
1304020	GRAIN SORGHUM SEED	LB	55,831	10,016	119,252	28,579
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	3,310	9,702	255,007	655,988
1304500	OATS	BU	77	79	506	869
1305520	RICE,HUSKED,BROWN,LONG GRAIN	LB	7,977	906	306,025	43,417
1306000	RYE	BU	60	158	1,182	3,233
1312600	OATS,MILLED EX BRKFST CEREAL	LB	38	22	12,719	2,531
1313015	LG GR PRBL HD RICE,NT RELIEF	LB	11,403	2,557	1,276,208	256,117
1313025	HD RICE NSPF PRBL, NT RELIEF	LB	315	90	17,722	3,515
1313030	HD RICE,LG GRN,X PRBL,NT DON	LB	63,710	10,314	1,928,053	314,738
1314010	DURUM FLOUR & SEMOLINA,DNATD	CWT		0	355	3,041
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	22	311	891	9,230
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	222	1,749	1,077	7,619
1321700	MALTS	LB	2,312	565	144,498	17,437
1322700	MALT EXTRACT	LB	58	19	7,757	1,642
1324020	CORNSTARCH, INCLUDING MILO	LB	14,126	5,175	111,559	31,305
1324040	STARCHES, NSPF	LB	5,364	1,488	38,137	13,570
1352100	BEANS, FRESH OR CHILLED	LB	3,836	1,074	13,184	4,471
1352500	BRUSSEL SPROUTS,FRH OR CHLD	LB	64	25	3,380	915
1353500	DASHEENS,ETC.,FRH OR CHILLED	LB	2,710	592	11,092	2,170
1353700	SWEET CORN, FRESH OR CHILLED	LB	424	135	29,540	6,545
1353900	CUCUMBERS, FRESH OR CHILLED	LB	90	24	15,281	2,356
1354920	POTATOES, WHITE, FR FOR SEED	LB	59	4	10,991	804
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	18,997	6,752	107,169	42,229
1382000	CORN, SWEET, FROZEN	LB	3,198	1,057	113,711	38,056
1383000	PEAS, FROZEN	LB	4,581	1,412	35,343	10,633
1387000	VEGETABLES, NSPF, FROZEN	LB	11,637	5,809	77,777	32,752
1400100	BLK BEANS,X SEEDS,DRIED,ETC	LB	5,470	1,360	12,948	2,679
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	1,015	303	216,503	50,239
1400700	NAVY/PEA BNS,X SEEDS,DRD,ETC	LB	457	112	192,266	39,496

TABLE 8. OTHER AGRICULTURAL COMMODITIES EXPORTED THRU U.S. AND CALIFORNIA PORT DISTRICTS, TOTALS NOT LISTED IN TABLE 6., CALENDAR YEAR 1988

SCHEDULE B NUMBER	COMMODITY	UNIT	EXPORTS THRU CALIFORNIA PORT DISTRICTS		TOTAL U.S. EXPORTS	
			QUANTITY	VALUE	QUANTITY	VALUE
			,000 UNITS	$,000	,000 UNITS	$,000
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	7,624	1,448	158,509	31,995
1403100	BEANS, SEED	LB	3,846	2,287	31,802	15,934
1403300	PEAS, SEED	LB	2,381	575	42,356	12,993
1403500	LENTILS,DRIED,ETC	LB	6,394	1,571	91,842	17,113
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	126	135	4,380	2,758
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	2,592	750	53,442	14,986
1405640	POTATO GRANULES DRY EX FLOUR	LB	5	15	5,387	2,684
1405660	POTATOES,NSPF,DRD,ETC,X FLR	LB	389	178	12,519	3,752
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	2,354	5,407	2,777	6,039
1407100	VEGETABLES REDUCED TO FLOUR	LB	7,546	6,680	14,789	16,491
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	3,109	1,031	20,366	6,533
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	3,026	1,204	16,601	7,517
1410500	CORN, CANNED, EXCL. PICKLED	LB	51,570	18,391	254,403	89,670
1411100	PEAS,EXC COW & CHICKPEAS,CND	LB	1,142	396	3,017	1,012
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	5,272	2,289	23,320	10,155
1414200	VEGETABLE BABY FOOD, CANNED	LB	1,817	872	4,613	2,289
1415200	CUCUMBERS,PICKLED,W/NOT,CND	LB	7,304	1,537	26,916	3,971
1415700	VEGETABLES,EX CUCUMBERS,PKLD	LB	313	327	2,048	1,220
1417500	VEGETABLES, PREP, PRES, NSPF	LB	1,292	924	11,780	9,317
1441000	MUSHROOMS, FRESH	LB	137	549	3,385	5,262
1442500	MUSHROOMS, CANNED	LB	742	85	1,096	372
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	271	327	1,210	1,673
1452200	PECANS,NOT SHELLD OR ROASTED	LB	35	37	3,447	2,517
1453540	NUTS,NSPF,NT SHLD OR ROASTED	LB	2,484	4,776	4,251	6,856
1454900	PECANS,SHELLED,NOT BLANCHED	LB	411	599	3,614	5,949
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	689	1,284	3,361	4,824
1459000	MIXTURES OF EDIBLE NUTS	LB	875	1,754	2,371	3,787
1466500	BERRIES, FRESH, NSPF	LB	1,806	1,300	12,153	8,066
1472200	LIMES, FRESH	LB	567	258	6,476	1,495
1473130	TEMPLE ORANGES, FRESH	LB	25,571	5,889	37,623	8,855
1473500	CITRUS FRUITS, FRESH, NSPF	LB	14,537	6,265	22,211	8,266
1481700	CANTALOUPES, FRESH	LB	1,144	323	55,933	7,501
1482000	WATERMELON, FRESH	LB	442	68	58,972	4,896
1497500	BERRIES, FROZEN, NSPF	LB	597	373	7,289	4,283
1498520	CHERRIES, SWEET, FROZEN	LB	376	274	4,892	2,869
1499000	FRUITS, FROZEN, NSPF	LB	3,042	1,602	8,370	4,052
1501200	APPLES, DRIED	LB	374	260	2,325	1,344
1503500	FRUITS, DRIED, NSPF	LB	621	610	2,576	2,347
1510500	FRUIT IN BRINE, NSPF	LB	200	91	1,838	1,005
1512000	MARASCHINO CHERRIES, PREP	LB	1,957	1,861	5,499	4,612
1512520	CHERRIES, SWEET, NSPF, PREP	LB	2,027	1,613	9,630	6,847
1513000	BERRIES, PREPARED OR PRES	LB	754	576	2,598	2,179
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	537	224	2,761	1,117
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	2,427	1,131	4,891	2,715
1518500	FRUIT NSPF, PREP, PRESERVED	LB	3,888	2,398	10,144	6,158
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	15,977	6,220	25,590	9,240
1525500	FRUIT BABY FOOD, CANNED	LB	1,663	750	3,639	1,850
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	2,480	1,468	17,217	6,926
1533000	JAMS, JELLIES MARMALADES ETC	LB	3,864	2,926	7,228	5,725
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	1,675	884	5,310	4,111
1551100	SUGAR BEETS AND SUGAR CANE	STN	0	2	14	1,240
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	217	99	594,436	100,575
1552045	RAW SUGAR, BEET OR CANE	STN	664	90	670	1,143
1553000	LIQUID SUGAR & SUGAR SIRUPS	LTS	101	66	671	249
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	99	70	56,361	23,009
1557000	HONEY	LB	2,924	2,234	13,945	8,906
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	940	872	12,638	9,390
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	870	540	2,698	1,448
1618100	RED PEPPER	LB	220	181	433	502
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	1,204	1,342	2,167	2,996
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	2,752	4,215	14,025	23,817
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	1,046	1,846	6,061	11,835
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	2,542	3,258	8,370	14,441
1663040	VEGETABLE JUICES, NSPF	GAL	352	614	1,167	2,317
1675120	CIDER	GAL	14	63	30	176
1755120	SUNFLOWER SEED,CONFECTIONERY	LB	1,042	217	95,182	25,047
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	11,058	1,650	41,184	6,352
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	478	340	11,330	3,631
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	8,092	6,538	38,991	18,111

TABLE 8. OTHER AGRICULTURAL COMMODITIES EXPORTED THRU U.S. AND CALIFORNIA PORT DISTRICTS, TOTALS NOT LISTED IN TABLE 6., CALENDAR YEAR 1988

SCHEDULE B NUMBER	COMMODITY	UNIT	EXPORTS THRU CALIFORNIA PORT DISTRICTS		TOTAL U.S. EXPORTS	
			QUANTITY	VALUE	QUANTITY	VALUE
			,000 UNITS	$,000	,000 UNITS	$,000
1775220	OLEO OIL AND STEARIN, EDIBLE	LB	1,023	187	6,284	1,238
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	1,107	189	4,520	925
1775900	WOOL GREASE	LB	133	228	1,135	1,649
1777320	ANHYDROUS MILK FAT	LB	62	32	4,682	2,692
1777360	CHOICE WHITE GREASE	LB	3,328	355	11,253	2,468
1781120	VEG SALAD OIL HYDRGNTD RELEF	LB		0	15,980	8,286
1781140	VEG SALAD OIL, NOT RELIEF	LB	784	331	4,593	1,705
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	13,658	4,445	21,805	8,463
1786000	SALAD & COOKING OIL, MIXTURE	LB	1,086	519	6,456	3,249
1787020	BAKING FATS, MIX OF VEG OILS	LB	2,322	1,257	25,389	11,431
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	6,077	1,328	16,178	7,457
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	3,751	1,492	13,058	5,994
1823120	OATMEAL,ETC,ROLLED,FLKD,ETC	LB	112	54	7,813	1,849
1825600	VINEGAR	GAL	368	422	1,153	1,242
1827000	WILD RICE CRUDE OR PROCESSED	LB	71	122	1,375	1,506
1829740	MIXED SEASONINGS	LB	1,585	2,127	7,488	10,798
1841060	BRAN,ETC FRM MLLNG GRN,NSPF	STN	11	1,098	33	2,046
1842500	BREWERS' GRAINS, MALT SPROUT	STN	2	195	181	19,855
1843600	HAY AND STRAW	STN	418	49,755	691	83,476
1844800	GRAIN HULLS, SCREENINGS, ETC	STN	1	57	569	43,249
1845280	SUNFLWER OIL CAKE, CAKE-MEAL	STN		0	28	4,089
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	0	35	35	5,357
1845600	MEAT MEAL & TANKAGE,INEDIBLE	STN	25	6,434	77	17,963
1846620	MEAT, INEDIBLE, FR, CHLD, FZ	LB	4	3	103,905	23,615
1846640	MEAT & OFFAL, INEDIBLE, NSPF	LB	669	294	9,009	4,602
1848025	FEATHER MEAL	STN	3	733	26	6,453
1848035	POULTRY FEEDS, PREPARED	STN	19	5,143	366	147,572
1848040	DAIRY CATTLE FEED, PREPARED	STN	3	657	14	2,669
1848045	LIVESTOCK FEED, PREP, NSPF	STN	55	7,421	969	126,659
1920600	SEAWEED AND CARRAGEENIN	LB	921	1,062	4,955	17,736
1923200	HOP EXTRACT AND LUPULIN	LB	123	1,485	6,393	39,378
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	36	273	651	954
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	1,520	1,806	33,695	11,163

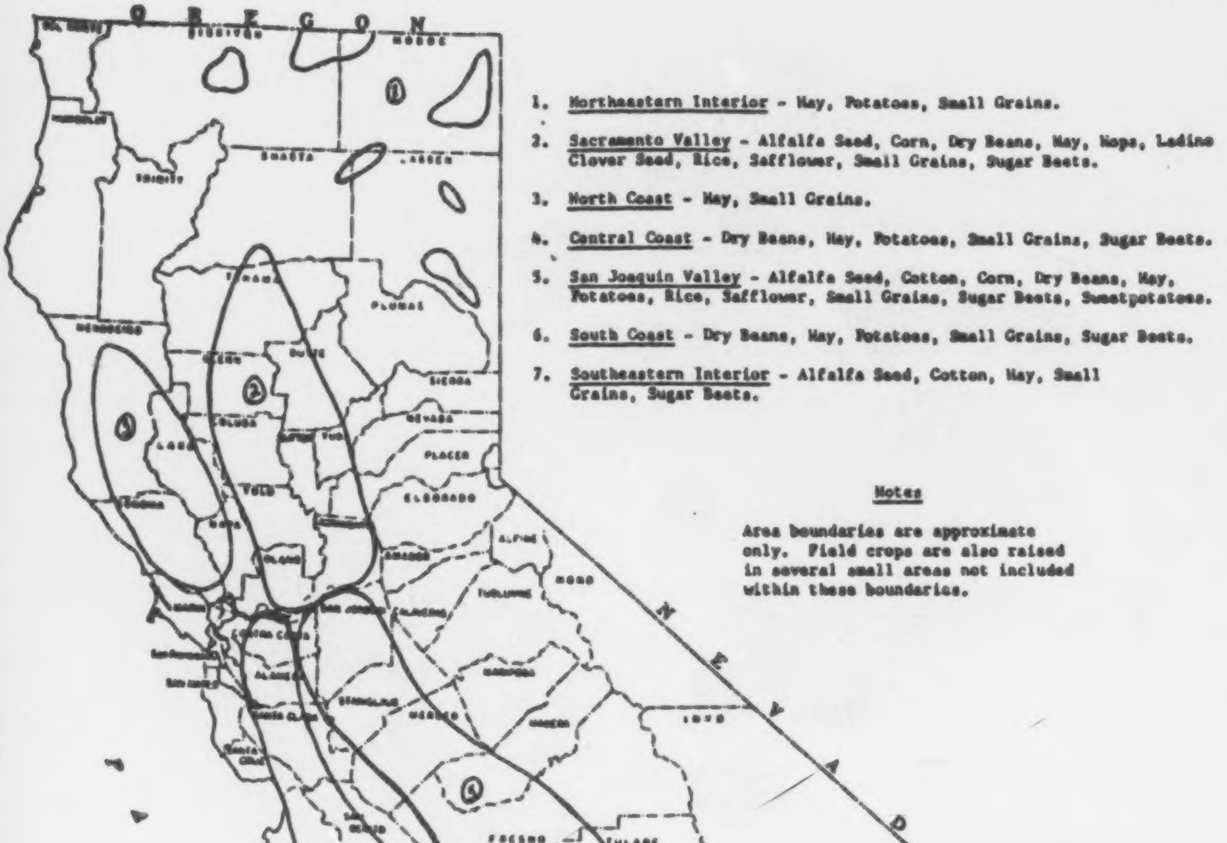
S0850-1.4-u

CALIFORNIA
FIELD CROPS STATISTICS

1984–1988

CALIFORNIA AGRICULTURAL STATISTICS SERVICE

CALIFORNIA'S MAJOR FIELD CROP AREAS
And Important Field Crops of Each Area


OREGON
SISKIYOU
MODOC
HUMBOLDT
TRINITY
SHASTA
LASSEN
TEHAMA
PLUMAS
MENDOCINO
GLENN
BUTTE
SIERRA
COLUSA
NEVADA
PLACER
LAKE
YOLO
SONOMA
NAPA
SOLANO
EL DORADO
AMADOR
ALPINE
MONO
TUOLUMNE
SAN JOAQUIN
CONTRA COSTA
SAN FRANCISCO
SAN MATEO
ALAMEDA
STANISLAUS
MARIPOSA
SANTA CLARA
MERCED
MADERA
INYO
SANTA CRUZ
SAN BENITO
MONTEREY
FRESNO
TULARE
KINGS
SAN LUIS OBISPO
KERN
SAN BERNARDINO
SANTA BARBARA
VENTURA
LOS ANGELES
RIVERSIDE
ORANGE
SAN DIEGO
IMPERIAL
NEVADA
ARIZONA
MEXICO
PACIFIC
OCEAN
①
②
③
④
⑤
⑥
⑦

1. **Northeastern Interior** - Hay, Potatoes, Small Grains.
2. **Sacramento Valley** - Alfalfa Seed, Corn, Dry Beans, Hay, Hops, Ladino Clover Seed, Rice, Safflower, Small Grains, Sugar Beets.
3. **North Coast** - Hay, Small Grains.
4. **Central Coast** - Dry Beans, Hay, Potatoes, Small Grains, Sugar Beets.
5. **San Joaquin Valley** - Alfalfa Seed, Cotton, Corn, Dry Beans, Hay, Potatoes, Rice, Safflower, Small Grains, Sugar Beets, Sweetpotatoes.
6. **South Coast** - Dry Beans, Hay, Potatoes, Small Grains, Sugar Beets.
7. **Southeastern Interior** - Alfalfa Seed, Cotton, Hay, Small Grains, Sugar Beets.

Notes

Area boundaries are approximate only. Field crops are also raised in several small areas not included within these boundaries.

FOREWORD

This bulletin brings together the basic statistical record for California field crops: grains, hay, cotton, sugar beets, and others in this class. Current reports for each of the series are available as separate releases.

The California Agricultural Statistics Service is the California unit of the National Agricultural Statistics Service, United States Department of Agriculture and, under a cooperative agreement, serves as the Agricultural Statistics Branch of the California Department of Food and Agriculture. All services are correlated with the National program to provide uniform statistical records of the Nation's agriculture. As part of the California Department of Food and Agriculture, this office develops additional data and necessary statistical records pertaining to California agriculture. This cooperative arrangement eliminates duplication of effort and makes possible a more thorough coverage of this field of work.

Acknowledgement is due a large number of people and concerns to whom we are indebted for cooperation in developing these agricultural records. Special credit in this respect is due the many loyal, voluntary crop reporters from all parts of the State, who generously give their time in reporting to the Service. Recognition is also due our telephone and field enumerators whose continued hard work and broad knowledge of the State's agriculture are invaluable. Statisticians presently responsible for much of the data in this bulletin are Joseph Seibert, E. N. Severson, Thomas Marr, Gregory K. H. Chong, Michael DeWitt, Holly Hoegh and Ann Roberts, Statistical Assistant.

JIM TIPPETT
State Statistician

LAWRENCE S. WILLIAMS
Agricultural Statistician
ESTIMATES SECTION

NOVEMBER 1989

(916) 445-6787

TABLE OF CONTENTS

SUBJECT PAGE

ALL FIELD CROPS
Acreage, Production, and Value 1

ALFALFA SEED
Acreage, Production, and Value 4

BARLEY
Acreage, Production, and Value 2
County Estimates 12-13
Monthly Prices 5

BEANS, DRY
Acreage, Production, and Value 3
Acreage and Production by Variety 6-7
County Estimates 22-23
Monthly Prices 5

CONVERSION TABLE 26

CORN
Acreage, Production, and Value 2
County Estimates 16-17

COTTON LINT
Acreage, Production, and Value 3
County Estimates 20
Monthly Prices 5

COTTONSEED
Production and Value 3
Monthly Prices 5

HAY, ALL
Acreage, Production, and Value 4
Monthly Prices 5

HAY, ALFALFA
Acreage and Production 4
Monthly Prices 5

HAY, OTHER
Acreage and Production 4

HOPS
Acreage, Production, and Value 4

OATS
Acreage, Production, and Value 2
County Estimates 14-15
Monthly Prices 5

SUBJECT CONTINUED PAGE

POTATOES
Acreage, Production, and Value 3

RICE
Acreage, Production, and Value 3
County Estimates 21

SAFFLOWER
Acreage, Production, and Value 4

SORGHUM
Acreage, Production, and Value 2
County Estimates 18-19
Monthly Prices 5

SUGAR BEETS
Acreage, Production, and Value 4
County Estimates 24-25

SWEETPOTATOES
Acreage, Production, and Value 3

WHEAT, ALL
County Estimates 10-11
Monthly Prices 5
Varietal Acreages 8-9

WHEAT, DURUM
Acreage, Production, and Value 2

WHEAT, OTHER THAN DURUM
Acreage, Production, and Value 2

ALL FIELD CROPS: Combined acreage, production, and value, California, 1950-88 a/

Year	Acreage Harvested	Production	Value of Production
	000 Acres	000 Short Tons	000 Dollars
1950	6,395	15,491	683,343
1951	6,451	13,467	893,288
1952	6,827	14,425	945,355
1953	6,923	15,450	777,349
1954	6,921	17,407	796,611
1955	6,689	17,011	740,384
1956	6,702	17,264	832,400
1957	6,630	19,119	801,327
1958	6,557	17,892	803,630
1959	6,551	20,105	924,764
1960	6,531	19,196	900,107
1961	6,319	19,571	850,773
1962	6,168	20,197	932,042
1963	6,166	21,904	951,434
1964	6,147	23,657	996,443
1965	6,202	22,749	978,411
1966	6,101	20,994	884,544
1967	6,263	20,599	859,534
1968	6,142	22,875	931,420
1969	5,865	22,008	859,461
1970	6,076	24,701	982,575
1971	6,133	25,456	1,015,078
1972	5,923	26,864	1,236,180
1973	6,104	24,853	1,954,443
1974	6,482	24,986	2,632,176
1975	6,602	28,566	2,374,207
1976	6,548	28,929	2,622,884
1977	6,284	25,115	2,281,075
1978	6,537	22,061	2,111,150
1979	6,694	26,226	3,290,212
1980	6,877	27,699	4,075,844
1981	7,025	30,343	3,597,516
1982	6,375	26,064	3,142,017
1983	4,971	21,901	2,662,907
1984	5,947	22,172	3,128,705
1985 b/	5,788	26,757	2,912,202
1986 b/	5,290	26,719	2,336,839
1987 b/	5,163	27,431	2,918,830
1988 c/	5,257	25,230	2,958,949

a/ Excludes flaxseed after 1971, ladino clover seed after 1981, hops after 1984, corn and sorghum forage after 1985.

b/ Revised.

c/ Preliminary.

FIELD CROPS: Acreage, yield, production and value, by commodity, California, 1984-88

Crop	Year	Acreage Harvested	Yield Per Acre	Production	Unit	Average Price	Value of Production
		(000)		(000)			(000 Dollars)
Wheat (Excl. Durum)	1984	690.0	2.28	1,573.2	Tons	121.67	191,406
	1985	750.0	2.46	1,845.0	Tons	112.67	207,870
	1986	600.0	2.25	1,350.0	Tons	94.33	127,350
	1987	510.0	2.28	1,162.8	Tons	94.33	109,691
	1988	460.0	2.49	1,145.4	Tons	121.67	139,357
Wheat, Durum	1984	94.0	3.00	282.0	Tons	135.00	38,070
	1985	80.0	2.76	220.8	Tons	129.00	28,483
	1986	75.0	2.61	195.8	Tons	117.33	22,968
	1987	57.0	2.70	153.9	Tons	113.33	17,442
	1988	59.0	2.85	168.2	Tons	151.67	25,503
Barley	1984	460.0	1.51	695.5	Tons	120.83	84,042
	1985	420.0	1.42	594.7	Tons	100.83	59,968
	1986	400.0	1.42	566.4	Tons	85.83	48,616
	1987	330.0	1.30	427.7	Tons	89.58	38,313
	1988	280.0	1.46	409.9	Tons	112.50	46,116
Oats	1984	50.0	1.10	55.2	Tons	141.88	7,832
	1985	45.0	1.07	48.2	Tons	105.63	5,095
	1986	45.0	1.12	50.4	Tons	95.63	4,820
	1987	40.0	1.12	44.8	Tons	112.50	5,040
	1988	35.0	1.12	39.2	Tons	153.13	6,003
Corn for Grain	1984	375.0	3.81	1,428.0	Tons	121.43	173,400
	1985	320.0	4.06	1,299.2	Tons	107.14	139,200
	1986	250.0	4.26	1,064.0	Tons	76.79	81,700
	1987	221.0	4.48	990.1	Tons	86.07	85,218
	1988	187.0	4.06	759.2	Tons	114.29	86,768
Corn for Silage	1984	190.0	21.00	3,990.0	Tons	---	a/
	1985	225.0	22.00	4,950.0	Tons	---	a/
	1986	243.0	24.00	5,832.0	Tons	---	a/
	1987	186.0	26.00	4,836.0	Tons	---	a/
	1988	182.0	23.00	4,186.0	Tons	---	a/
Corn for Forage	1984	5.0	---	a/	---	---	---
	1985	5.0	---	a/	---	---	---
	1986	b/	---	a/	---	---	---
	1987	b/	---	a/	---	---	---
	1988	b/	---	a/	---	---	---
Sorghum for Grain	1984	48.0	2.30	110.2	Tons	105.00	11,572
	1985	36.0	2.32	83.7	Tons	92.86	7,769
	1986	26.0	2.38	61.9	Tons	72.14	4,464
	1987	20.0	2.52	50.4	Tons	78.93	3,978
	1988	15.0	2.24	33.6	Tons	110.00	3,696
Sorghum for Silage	1984	4.0	20.00	80.0	Tons	---	a/
	1985	3.0	20.00	60.0	Tons	---	a/
	1986	3.0	20.00	60.0	Tons	---	a/
	1987	4.0	21.00	84.0	Tons	---	a/
	1988	4.0	19.50	78.0	Tons	---	a/
Sorghum for Forage	1984	3.0	---	a/	---	---	---
	1985	2.0	---	a/	---	---	---
	1986	b/	---	a/	---	---	---
	1987	b/	---	a/	---	---	---
	1988	b/	---	a/	---	---	---

FIELD CROPS: Acreage, yield, production and value, by commodity, California, 1984-88 (Con'd)

Crop	Year	Acreage Harvested	Yield Per Acre	Production	Unit	Average Price	Value of Production
		(000)		(000)			(000 Dollars)
Rice, All	1984	450.0	71.20	32,060.0	Cwt.	6.43	206,146
	1985	390.0	73.00	28,468.0	Cwt.	5.33	151,734
	1986	360.0	77.00	27,727.0	Cwt.	3.18	88,172
	1987	370.0	75.50	27,935.0	Cwt.	6.72	187,723
	1988	420.0	70.00	29,490.0	Cwt.	---	c/
Rice, Long	1984	67.0	64.00	4,288.0	Cwt.	---	a/
	1985	54.0	71.00	3,834.0	Cwt.	---	a/
	1986	20.0	76.00	1,520.0	Cwt.	---	a/
	1987	36.0	72.00	2,592.0	Cwt.	---	a/
	1988	50.0	70.00	3,500.0	Cwt.	---	a/
Rice, Medium	1984	285.0	72.00	20,520.0	Cwt.	---	a/
	1985	258.0	72.20	18,628.0	Cwt.	---	a/
	1986	285.0	76.90	21,917.0	Cwt.	---	a/
	1987	295.0	76.00	22,496.0	Cwt.	---	a/
	1988	325.0	70.00	22,750.0	Cwt.	---	a/
Rice, Short	1984	98.0	74.00	7,252.0	Cwt.	---	a/
	1985	78.0	77.00	6,006.0	Cwt.	---	a/
	1986	55.0	78.00	4,290.0	Cwt.	---	a/
	1987	39.0	73.00	2,847.0	Cwt.	---	a/
	1988	45.0	72.00	3,240.0	Cwt.	---	a/
Cotton American Pima d/ e/	1984	---	---	---	Bales	---	---
	1985	---	---	---	Bales	---	---
	1986	---	---	---	Bales	---	---
	1987	0.9	1,173.00	2.2	Bales	104.00	1,098
	1988	1.8	853.00	3.2	Bales	116.00	1,782
Cotton Upland e/	1984	1,400.0	999.00	2,913.0	Bales	66.80	934,024
	1985	1,320.0	1,132.00	3,114.0	Bales	61.80	923,737
	1986	990.0	1,088.00	2,245.0	Bales	59.10	636,862
	1987	1,140.0	1,259.00	2,989.0	Bales	69.60	998,565
	1988	1,335.0	1,015.00	2,824.0	Bales	63.50	860,755
Cottonseed	1984	---	---	1,211.0	Tons	119.00	144,109
	1985	---	---	1,300.0	Tons	85.50	111,150
	1986	---	---	875.0	Tons	102.00	89,250
	1987	---	---	1,151.8	Tons	89.50	103,086
	1988	---	---	1,116.3	Tons	147.00	164,096
Dry Beans f/	1984	191.0	16.85	3,218.0	Cwt.	28.20	90,748
	1985	178.0	20.02	3,563.0	Cwt.	22.30	79,455
	1986	155.0	18.46	2,862.0	Cwt.	28.50	81,567
	1987	168.0	18.68	3,138.0	Cwt.	27.50	86,295
	1988	150.0	19.29	2,894.0	Cwt.	36.10	104,473
Potatoes, Irish	1984	60.4	377.00	22,767.0	Cwt.	10.50	238,771
	1985	61.6	375.00	23,077.0	Cwt.	8.15	186,398
	1986	48.4	381.00	18,451.0	Cwt.	7.85	144,136
	1987	50.6	376.00	19,039.0	Cwt.	8.45	158,908
	1988	47.2	355.00	16,765.0	Cwt.	8.65	143,673
Sweetpotatoes	1984	8.0	180.00	1,440.0	Cwt.	15.10	21,744
	1985	7.4	195.00	1,443.0	Cwt.	12.80	18,470
	1986	6.8	200.00	1,360.0	Cwt.	11.70	15,912
	1987	6.6	205.00	1,353.0	Cwt.	20.40	27,601
	1988	7.1	170.00	1,207.0	Cwt.	12.70	15,329

FIELD CROPS: Acreage, yield, production and value, by commodity, California, 1984-88 (Cont'd)

Crop	Year	Acreage Harvested	Yield Per Acre	Production	Unit	Average Price	Value of Production
		(000)		(000)			(000 Dollars)
Safflower	1984	101.0	1.03	104.0	Tons	264.00	27,456
	1985	90.0	1.07	96.0	Tons	251.00	24,096
	1986	127.0	0.96	122.0	Tons	219.00	26,718
	1987	106.0	1.15	122.0	Tons	221.00	26,962
	1988 b/	---	---	---	Tons	---	---
Sugar Beets	1984	206.0	24.70	5,088.0	Tons	35.10	178,589
g/	1985	203.0	23.00	4,669.0	Tons	33.10	154,544
	1986	188.0	25.70	4,832.0	Tons	35.70	172,502
	1987	216.0	28.20	6,091.0	Tons	33.60	204,658
	1988	212.0	25.00	5,300.0	Tons	---	c/
Hay, All	1984	1,530.0	5.13	7,854.0	Tons	80.50	632,247
	1985	1,570.0	5.09	7,991.0	Tons	83.00	663,253
	1986	1,680.0	5.14	8,628.0	Tons	72.50	625,530
	1987	1,670.0	5.39	9,005.0	Tons	77.50	697,888
	1988	1,680.0	5.15	8,652.0	Tons	94.50	817,614
Hay, Alfalfa	1984	1,020.0	6.50	6,630.0	Tons	---	a/
	1985	1,030.0	6.50	6,695.0	Tons	---	a/
	1986	1,080.0	6.60	7,128.0	Tons	---	a/
	1987	1,150.0	6.70	7,705.0	Tons	---	a/
	1988	1,100.0	6.60	7,260.0	Tons	---	a/
Hay, Other	1984	510.0	2.40	1,224.0	Tons	---	a/
	1985	540.0	2.40	1,296.0	Tons	---	a/
	1986	600.0	2.50	1,500.0	Tons	---	a/
	1987	520.0	2.50	1,300.0	Tons	---	a/
	1988	580.0	2.40	1,392.0	Tons	---	a/
Alfalfa Seed	1984	81.0	685.00	55,485.0	Lbs.	106.00	58,814
h/	1985	82.0	585.00	47,970.0	Lbs.	96.00	46,051
	1986	93.0	500.00	46,500.0	Lbs.	92.00	42,780
	1987	67.0	605.00	40,541.0	Lbs.	108.00	43,784
	1988	67.0	531.00	35,586.0	Lbs.	120.00	42,703
Hops	1984	0.1	2,000.00	200.0	Lbs.	2.58	516
	1985 b/	---	---	---	Lbs.	---	---
	1986	---	---	---	Lbs.	---	---
	1987	---	---	---	Lbs.	---	---
	1988				Lbs.		

a/ Not estimated.
b/ Estimate discontinued
c/ Not available.
d/ No estimate for 1983-86.
e/ Cotton: Yield reported in pounds per acre, production — 480 lbs. net per bale, average price report in cents per pound.
f/ Excludes beans grown for garden seed.
g/ Relates to year of harvest. Includes some acreage carried over and harvested the following spring.
h/ Production is on a clean basis.

Monthly and Marketing Year Average Prices Received by Farmers, California, 1984-88

Crop Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Marketing Year Average
BARLEY (Dollars per Cwt.)													
1984	6.88	7.29	7.33	6.42	6.56	6.71	6.69	5.52	5.08	—	5.46	5.58	6.04
1985	5.75	6.02	6.10	5.48	5.73	5.52	5.27	5.15	4.94	4.73	4.54	5.13	5.04
1986	5.50	5.00	5.21	4.65	4.40	4.29	3.60	3.67	4.48	4.19	4.54	4.00	4.29
1987	4.04	4.52	4.38	4.35	4.77	4.42	4.42	4.08	4.00	4.10	4.50	4.35	4.48
1988	4.71	4.38	4.54	4.96	4.69	5.15	6.13	6.02	6.02	5.94	5.17	5.77	5.63
ALL WHEAT (Dollars per Cwt.)													
1984	7.27	7.15	6.75	6.75	6.33	6.45	5.93	6.05	6.00	6.38	6.47	6.18	6.18
1985	6.20	5.95	5.50	5.57	5.83	5.67	5.60	5.33	5.53	5.98	6.02	5.95	5.72
1986	6.12	5.88	5.93	5.30	4.93	5.02	4.60	5.02	5.20	4.25	4.53	4.62	4.87
1987	5.20	5.02	4.65	4.38	5.02	4.67	4.53	4.32	5.15	5.50	5.02	4.77	4.83
1988	5.25	4.88	5.72	—	5.67	6.23	6.70	6.25	6.03	6.52	6.33	7.33	6.28
OATS (Dollars per Cwt.)													
1984	7.00	7.69	6.56	6.34	6.59	—	7.94	5.97	6.19	—	6.50	7.19	7.09
1985	7.06	6.75	6.94	6.50	6.50	6.09	5.75	6.31	4.84	4.91	4.91	5.44	5.28
1986	5.25	4.75	4.19	—	4.59	3.69	4.75	4.06	5.34	6.00	—	5.59	4.78
1987	5.81	5.50	5.38	5.25	5.00	5.03	4.75	5.00	5.00	5.44	5.75	5.81	5.63
1988	5.81	6.00	6.09	6.00	—	—	—	7.50	7.84	8.00	9.00	7.63	7.66
SORGHUM GRAIN (Dollars per Cwt.)													
1984	6.79	—	6.49	6.25	6.14	6.49	—	5.20	5.10	5.32	5.11	5.50	5.25
1985	5.30	5.71	5.30	—	—	—	5.85	—	—	—	—	—	4.65
1986 a/	—	—	—	—	—	—	—	—	—	—	—	—	3.60
1987	—	—	—	—	—	—	—	—	—	—	—	—	3.94
1988	—	—	—	—	—	—	—	—	—	—	—	—	5.50
DRY EDIBLE BEANS b/ (Dollars per Cwt.)													
1984	32.70	31.80	31.50	31.10	37.20	35.20	34.10	32.20	32.40	28.70	29.70	28.00	28.20
1985	28.60	28.00	28.00	27.80	27.60	26.20	26.00	26.10	25.30	24.00	22.10	21.70	22.30
1986	22.00	21.20	21.00	20.90	21.20	23.00	23.50	23.20	23.00	25.00	28.00	28.00	28.50
1987	31.00	30.00	30.00	30.00	29.00	30.00	31.00	29.00	25.00	25.00	24.00	24.00	27.50
1988	25.00	28.00	30.00	30.00	30.00	29.00	34.00	34.00	31.00	35.00	36.00	36.00	36.10
COTTON LINT, UPLAND c/ (Cents per Pound)													
1984	76.4	73.3	78.1	72.4	76.7	70.3	63.6	68.6	68.6	69.0	69.5	65.7	67.0
1985	63.9	60.8	63.9	65.4	62.9	65.2	66.8	68.7	61.5	60.8	60.5	58.3	61.8
1986	57.0	61.0	62.4	63.9	67.1	67.5	70.7	68.0	59.5	59.3	56.5	57.4	59.1
1987	66.9	56.3	55.1	57.9	67.5	73.3	70.1	70.1	72.8	68.9	70.2	71.3	69.6
1988	67.2	65.5	65.8	67.2	67.5	75.9	64.2	61.6	60.8	63.1	64.3	64.2	63.5
COTTONSEED (Dollars per Ton)													
1984	169.00	—	—	—	—	—	—	—	—	119.00	121.00	114.00	119.00
1985	—	—	—	—	—	—	—	—	—	82.00	86.00	90.00	86.00
1986	—	—	—	—	—	—	—	—	—	100.00	107.00	90.00	102.00
1987	—	—	—	—	—	—	—	—	75.00	75.00	102.00	97.00	89.50
1988	110.00	—	—	—	—	—	—	—	—	147.00	148.00	147.00	147.00
ALFALFA HAY, BALED (Dollars per Ton)													
1984	94.00	98.00	93.00	91.00	91.00	83.00	75.00	73.00	77.00	83.00	85.00	86.00	d/
1985	90.00	88.00	88.00	95.00	102.00	86.00	84.00	74.00	85.00	86.00	83.00	85.00	d/
1986	86.00	79.00	79.00	73.00	72.00	75.00	71.00	66.00	66.00	71.00	74.00	79.00	d/
1987	80.00	82.00	83.00	86.00	87.00	78.00	73.00	73.00	75.00	78.00	73.00	76.00	d/
1988	78.00	79.00	90.00	88.00	94.00	94.00	88.00	87.00	92.00	99.00	100.00	104.00	d/
ALL HAY, BALED (Dollars per Ton)													
1984	92.00	95.00	90.00	88.00	88.00	81.00	73.00	70.00	74.00	81.00	82.00	83.00	80.50
1985	87.00	86.00	87.00	93.00	99.00	85.00	82.00	73.00	83.00	85.00	82.00	83.00	83.00
1986	85.00	79.00	80.00	71.00	71.00	74.00	71.00	66.00	66.00	70.00	73.00	77.00	72.50
1987	79.00	81.00	82.00	84.00	84.00	76.00	72.00	72.00	74.00	76.00	72.00	73.00	77.50
1988	76.00	78.00	89.00	87.00	93.00	92.00	87.00	86.00	91.00	98.00	99.00	103.00	94.50

a/ Monthly estimates have been discontinued.
b/ The marketing season for dry beans is September 1 to August 31.
c/ The marketing season for cotton and cottonseed is August 1 to July 31.
d/ Not estimated.

DRY BEANS: Acreage, yield, and production, by variety, California, 1984-88

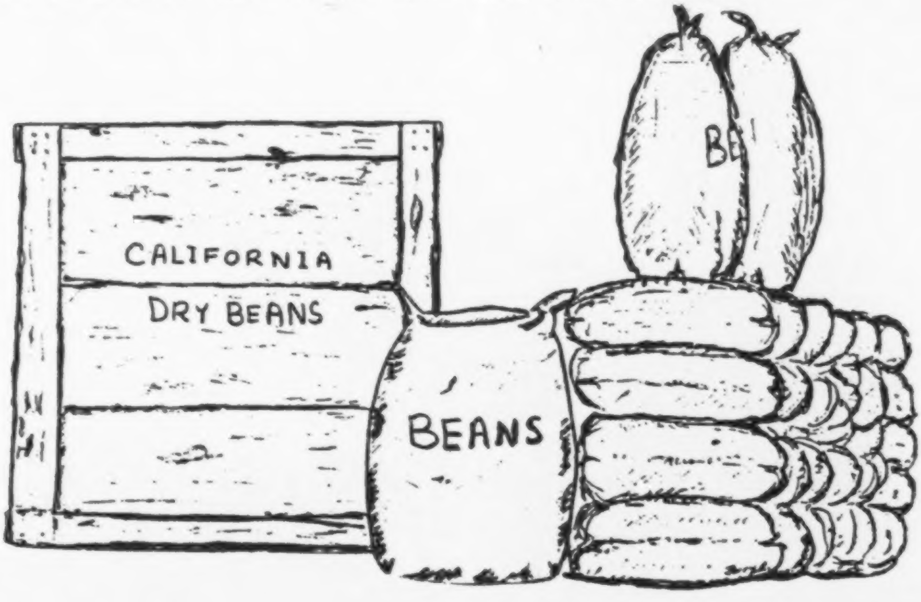
Crop & Year	Area Planted	Area Harvested	Yield Per Acre	Production (clean)
	- - - 1,000 Acres	- - -	- Pounds -	- 1,000 Cwt. -
LARGE LIMAS				
1984	37.0	36.0	1,800	648
1985	44.0	43.5	2,140	931
1986	19.0	18.5	2,080	385
1987	22.0	21.0	2,070	435
1988	29.0	28.0	2,040	571
BABY LIMAS				
1984	29.0	28.0	1,950	546
1985	28.0	27.5	2,450	674
1986	30.0	29.5	2,160	637
1987	22.0	21.0	2,310	485
1988	30.0	29.0	2,270	658
BLACKEYES				
1984	56.0	55.0	1,690	930
1985	41.0	40.0	1,950	780
1986	43.0	42.0	1,730	727
1987	63.5	62.5	1,780	1,110
1988	45.0	44.0	1,950	858
LIGHT RED KIDNEYS				
1984	30.0	29.0	1,600	464
1985	21.0	21.0	1,880	395
1986	27.0	27.0	1,820	491
1987	34.5	33.5	1,800	603
1988	23.0	23.0	1,530	352
DARK RED KIDNEYS				
1984	18.5	17.5	1,610	282
1985	18.0	18.0	1,810	325
1986	7.5	7.5	1,790	134
1987	11.5	11.5	1,830	210
1988	10.0	9.0	1,800	162
SMALL WHITE				
1984	2.5	2.5	1,720	43
1985 a/	---	---	---	---
1986 a/	---	---	---	---
1987	2.5	2.5	1,920	48
1988	2.0	2.0	1,800	36
PINK				
1984	15.0	14.0	1,330	186
1985	13.0	13.0	1,770	230
1986	18.0	18.0	1,800	324
1987	5.5	5.5	1,710	94
1988	5.0	5.0	1,800	90

DRY BEANS: Acreage, yield, and production, by variety, California, 1984-88 (Continued)

Crop & Year	Area Planted	Area Harvested	Yield Per Acre	Production (clean)
	- - - 1,000 Acres	- - -	- Pounds -	- 1,000 Cwt. -
GARBANZO				
1984	3.0	3.0	630	19
1985	5.0	5.0	780	39
1986	6.0	6.0	800	48
1987	4.0	4.0	880	35
1988	2.0	2.0	1,000	20
MISCELLANEOUS b/				
1984	7.0	6.0	1,670	100
1985	10.0	10.0	1,890	189
1986	6.5	6.5	1,780	116
1987	6.5	6.5	1,850	118
1988	8.0	8.0	1,840	147
ALL LIMAS				
1984	66.0	64.0	1,870	1,194
1985	72.0	71.0	2,260	1,605
1986	49.0	48.0	2,130	1,022
1987	44.0	42.0	2,190	920
1988	59.0	57.0	2,160	1,229
ALL DRY BEANS				
1984	198.0	191.0	1,685	3,218
1985	180.0	178.0	2,002	3,563
1986	157.0	155.0	1,846	2,862
1987	172.0	168.0	1,868	3,138
1988	154.0	150.0	1,929	2,894

a/ Included in miscellaneous.

b/ Includes navy, pinto, cranberry, small red, commercial green baby limas, and other miscellaneous varieties. Garden seed beans have been excluded.



WHEAT VARIETIES: PLANTED ACREAGE AND PERCENT, 1984-1988 a/

VARIETY		1984	1985 b/	1986	1987 c/	1988
WHITE VARIETIES						
Bluestem	Acres	---	---	1,000	---	---
	Percent	---	---	0.2	---	---
Gaines-Nugaines	Acres	1,000	---	1,000	1,500	1,000
	Percent	0.1	---	0.2	0.3	0.2
Hyslop	Acres	4,000	---	1,000	---	1,000
	Percent	0.5	---	0.2	---	0.2
Klasic	Acres	2,000	---	6,000	2,000	20,500
	Percent	0.3	---	0.9	0.4	4.1
McDermid	Acres	2,000	---	---	---	---
	Percent	0.3	---	---	---	---
Moro	Acres	2,000	---	---	---	---
	Percent	0.3	---	---	---	---
Omar	Acres	---	---	---	4,300	1,500
	Percent	---	---	---	0.8	0.3
Phoenix	Acres	---	---	---	1,500	d/
	Percent	---	---	---	0.3	d/
Ramona 50	Acres	2,000	---	2,000	5,600	4,000
	Percent	0.3	---	0.3	1.0	0.8
Stephens	Acres	1,000	---	2,000	---	1,500
	Percent	0.1	---	0.3	---	0.3
Twin	Acres	---	---	1,000	---	1,000
	Percent	---	---	0.2	---	0.2
Yamhill	Acres	5,000	---	1,000	900	1,500
	Percent	0.6	---	0.2	0.1	0.3
Other & Unknown White	Acres	11,000	---	2,000	8,300	2,000
	Percent	1.4	---	0.3	1.5	0.4
RED VARIETIES						
Aim	Acres	2,000	---	1,000	8,700	d/
	Percent	0.3	---	0.2	1.6	d/
Anza	Acres	300,000	---	213,000	160,600	164,500
	Percent	38.9	---	32.8	28.6	32.9
Cajeme 71	Acres	3,000	---	d/	---	---
	Percent	0.4	---	d/	---	---
Inia 66 or 66R	Acres	24,000	---	3,000	24,000	7,000
	Percent	3.1	---	0.4	4.3	1.4
Oslo	Acres	3,000	---	3,000	3,600	d/
	Percent	0.4	---	0.4	0.6	d/
Probrand 771	Acres	10,000	---	d/	---	---
	Percent	1.3	---	d/	---	---
Probrand 775	Acres	---	---	4,000	---	---
	Percent	---	---	0.6	---	---
Probred	Acres	2,000	---	d/	1,300	d/
	Percent	0.3	---	d/	0.2	d/
Shasta	Acres	1,000	---	---	---	---
	Percent	0.1	---	---	---	---
Tadinia	Acres	---	---	---	---	6,000
	Percent	---	---	---	---	1.2
W 444	Acres	1,000	---	d/	---	---
	Percent	0.1	---	d/	---	---
Westbred 911	Acres	3,000	---	---	---	---
	Percent	0.4	---	---	---	---
Winridge	Acres	12,000	---	2,000	---	---
	Percent	1.6	---	0.3	---	---
Yecora Rojo	Acres	285,000	---	255,000	233,300	197,000
	Percent	37.0	---	39.2	41.7	39.4
Yolo	Acres	84,000	---	142,000	100,000	86,000
	Percent	10.9	---	21.8	17.8	17.2
Other & Unknown Red	Acres	10,000	---	10,000	4,400	5,500
	Percent	1.3	---	1.5	0.8	1.1
ALL WINTER WHEAT	Acres	770,000	---	650,000	560,000	500,000
	Percent	100.0	---	100.0	100.0	100.0
DURUM VARIETIES						
1000D	Acres	3,000	---	---	---	---
	Percent	3.0	---	---	---	---
Aldura	Acres	16,000	---	19,000	11,000	8,500
	Percent	16.0	---	23.7	18.3	14.2
Gem	Acres	2,000	---	---	---	---
	Percent	2.0	---	---	---	---
Imperial	Acres	---	---	---	---	500
	Percent	---	---	---	---	0.8
Mexicali 75	Acres	53,000	---	26,000	18,500	18,500
	Percent	53.0	---	32.5	30.9	30.8
Westbred 803	Acres	---	---	1,000	---	---
	Percent	---	---	1.3	---	---
Westbred 881	Acres	7,000	---	d/	18,000	8,000
	Percent	7.0	---	d/	30.0	13.4
Westbred Turbo	Acres	---	---	---	---	9,000
	Percent	---	---	---	---	15.0
Yavaros 79	Acres	---	---	15,000	12,500	13,500
	Percent	---	---	18.8	20.8	22.5
Other & Unknown Durum	Acres	19,000	---	19,000	---	2,000
	Percent	19.0	---	23.7	---	3.3
ALL DURUM WHEAT	Acres	100,000	---	80,000	60,000	60,000
	Percent	100.0	---	100.0	100.0	100.0
ALL WHEAT	Acres	870,000	---	730,000	620,000	560,000

a/ Percentages adjusted in some cases to add to 100.0.
b/ No survey was conducted in 1985.
c/ Revised.
d/ Included in other.

WHEAT VARIETIES: Planted Acreage by Districts, 1988 a/

Variety		1988 Crop					1988 Variety Totals
		Sacramento Valley	San Joaquin Valley	Coast	Southern California	Sierra and No. Calif.	
WHITE VARIETIES							
Gaines-Nugaines	Acres	—	—	—	—	1,000	1,000
	Percent	—	—	—	—	5.3	0.2
Hyslop	Acres	—	—	—	—	1,000	1,000
	Percent	—	—	—	—	5.3	0.2
Klasic	Acres	4,500	11,500	1,000	3,500	—	20,500
	Percent	2.3	5.4	3.0	8.1	—	4.1
Omar	Acres	—	—	—	—	1,500	1,500
	Percent	—	—	—	—	7.9	0.3
Phoenix	Acres	—	—	—	—	—	b/
	Percent	—	—	—	—	—	b/
Ramona 50	Acres	—	1,000	1,500	—	1,500	4,000
	Percent	—	0.5	4.6	—	7.9	0.8
Stephens	Acres	—	—	—	—	1,500	1,500
	Percent	—	—	—	—	7.9	0.3
Twin	Acres	—	—	—	—	1,000	1,000
	Percent	—	—	—	—	5.3	0.2
Yamhill	Acres	—	—	—	—	1,500	1,500
	Percent	—	—	—	—	7.9	0.3
Other & Unknown White	Acres	500	500	—	—	1,000	2,000
	Percent	0.3	0.2	—	—	5.3	0.4
RED VARIETIES							
Aim	Acres	—	b/	—	—	—	b/
	Percent	—	b/	—	—	—	b/
Anza	Acres	102,500	36,000	12,500	7,000	6,500	164,500
	Percent	53.4	16.9	37.9	16.3	34.1	32.9
Inia 66 of 66R	Acres	—	1,000	6,000	—	—	7,000
	Percent	—	0.5	18.2	—	—	1.4
Oslo	Acres	—	—	b/	—	—	b/
	Percent	—	—	b/	—	—	b/
Probred	Acres	—	b/	—	b/	—	b/
	Percent	—	b/	—	b/	—	b/
Tadinia	Acres	5,000	1,000	—	—	—	6,000
	Percent	2.6	0.5	—	—	—	1.2
Yecora Rojo	Acres	4,500	148,500	10,000	31,500	2,500	197,000
	Percent	2.3	69.7	30.3	73.3	13.1	39.4
Yolo	Acres	23,500	11,500	1,000	b/	—	86,000
	Percent	38.3	5.4	3.0	b/	—	17.2
Other & Unknown Red	Acres	1,500	2,000	1,000	1,000	—	5,500
	Percent	0.8	0.9	3.0	2.3	—	1.1
ALL WINTER WHEAT	Acres	192,000	213,000	33,000	43,000	19,000	500,000
	Percent	38.4	42.6	6.6	8.6	3.8	100.0
DURUM VARIETIES							
Aldura	Acres	—	1,500	—	7,000	—	8,500
	Percent	—	75.0	—	12.2	—	14.2
Imperial	Acres	—	—	—	500	—	500
	Percent	—	—	—	0.9	—	0.8
Mexicali 75	Acres	—	—	—	18,500	—	18,500
	Percent	—	—	—	32.2	—	30.8
Westbred 881	Acres	—	—	—	8,000	—	8,000
	Percent	—	—	—	13.9	—	13.4
Westbred Turbo	Acres	—	—	—	9,000	—	9,000
	Percent	—	—	—	15.6	—	15.0
Yavaros 79	Acres	—	b/	—	13,500	—	13,500
	Percent	—	b/	—	23.5	—	22.5
Other & Unknown Durum	Acres	—	500	—	1,000	500	2,000
	Percent	—	25.0	—	1.7	100.0	3.3
ALL DURUM WHEAT	Acres	—	2,000	—	57,500	500	60,000
	Percent	—	3.3	—	95.9	0.8	100.0
ALL WHEAT	Acres	192,000	215,000	33,000	100,500	19,500	560,000
	Percent	34.3	38.4	5.9	17.9	3.5	100.0

a/ Percentages adjusted in some cases to add to 100.0.
b/ Included in Other.

CALIFORNIA ALL WHEAT: Acreage, yield, and production, by counties, 1985-86

County	1985				1986			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	1,200	1,200	69.2	83,000	1,800	1,600	60.0	96,000
Siskiyou	15,800	14,800	63.9	946,000	14,000	12,000	83.3	1,000,000
Trinity	---	---	---	---	---	---	---	---
	17,000	16,000	64.3	1,029,000	15,800	13,600	80.6	1,096,000
Lassen	1,200	1,200	45.0	54,000	800	600	38.3	23,000
Modoc	1,800	1,800	64.4	116,000	3,200	3,000	66.7	200,000
Plumas	---	---	---	---	---	---	---	---
	3,000	3,000	56.7	170,000	4,000	3,600	61.9	223,000
Alameda	2,700	2,600	41.9	109,000	1,500	1,200	38.3	46,000
Contra Costa	5,900	5,400	78.3	423,000	4,300	4,100	56.3	231,000
Lake	500	500	32.0	16,000	500	500	34.0	17,000
Marin	---	---	---	---	---	---	---	---
Monterey	2,500	2,400	50.0	120,000	2,300	2,100	47.1	99,000
Napa	---	---	---	---	---	---	---	---
San Benito	4,300	4,000	66.3	265,000	3,500	3,200	56.6	181,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	22,500	21,000	35.0	735,000	13,000	12,500	32.7	409,000
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	6,300	5,800	89.1	517,000	4,400	4,000	66.8	267,000
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	300	300	50.0	15,000	500	300	40.0	12,000
	45,000	42,000	52.4	2,200,000	30,000	27,900	45.2	1,262,000
Butte	17,000	15,500	74.6	1,156,000	12,500	11,000	70.0	770,000
Colusa	22,500	21,000	83.3	1,750,000	24,000	22,000	83.3	1,832,000
Glenn	39,500	38,000	75.0	2,851,000	30,000	28,000	66.7	1,867,000
Sacramento	22,500	21,000	87.4	1,836,000	20,000	15,000	67.8	1,017,000
Solano	49,500	48,000	81.7	3,920,000	40,000	38,200	65.3	2,495,000
Sutter	65,500	62,000	87.1	5,400,000	41,000	39,000	65.7	2,562,000
Tehama	8,000	7,500	62.3	467,000	4,200	4,000	65.0	260,000
Yolo	77,500	74,000	85.1	6,300,000	67,600	64,500	65.6	4,230,000
Yuba	2,000	2,000	72.5	145,000	2,700	2,500	60.0	150,000
	304,000	289,000	82.4	23,825,000	242,000	224,200	67.7	15,183,000
Fresno	86,000	82,500	97.6	8,050,000	78,700	76,000	90.4	6,870,000
Kern	55,000	52,500	89.5	4,700,000	47,500	45,000	86.3	3,885,000
Kings	60,500	57,500	91.3	5,250,000	43,100	41,000	89.7	3,677,000
Madera	28,500	26,000	90.4	2,350,000	23,000	21,000	84.7	1,778,000
Merced	22,500	20,500	90.7	1,860,000	13,100	11,000	75.0	825,000
San Joaquin	48,000	46,500	90.3	4,200,000	45,800	40,000	83.7	3,347,000
Stanislaus	5,500	5,000	90.0	450,000	4,800	4,500	90.4	407,000
Tulare	46,000	43,500	79.1	3,440,000	48,000	45,000	68.9	3,100,000
	352,000	334,000	90.7	30,300,000	304,000	283,500	84.3	23,889,000
Alpine	---	---	---	---	---	---	---	---
Amador	300	300	40.0	12,000	300	300	63.3	19,000
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	1,700	1,700	35.3	60,000	1,700	1,600	18.8	30,000
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	2,000	2,000	36.0	72,000	2,000	1,900	25.8	49,000
Imperial	116,000	107,000	90.0	9,630,000	93,500	89,000	87.3	7,770,000
Los Angeles	2,000	2,000	29.0	58,000	2,200	2,000	9.0	18,000
Orange	---	---	---	---	---	---	---	---
Riverside	35,500	27,500	49.1	1,350,000	32,000	25,000	74.0	1,851,000
San Bernardino	500	500	98.0	49,000	---	---	---	---
San Diego	2,000	2,000	23.5	47,000	1,100	1,000	33.0	33,000
Santa Barbara	6,000	5,000	26.0	130,000	3,400	3,300	45.8	151,000
Ventura	---	---	---	---	---	---	---	---
	162,000	144,000	78.2	11,264,000	132,200	120,300	81.7	9,823,000
STATE	885,000	830,000	83.0	68,860,000	730,000	675,000	76.3	51,525,000

CALIFORNIA ALL WHEAT: Acreage, yield, and production, by counties, 1987-88

County	1987				1988			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	100	100	40.0	4,000
	---	---	---	---	100	100	40.0	4,000
Shasta	1,800	1,300	56.9	74,000	1,300	1,200	50.0	60,000
Siskiyou	14,500	14,300	82.4	1,178,000	10,200	10,000	76.0	760,000
Trinity	---	---	---	---	---	---	---	---
	16,300	15,600	80.3	1,252,000	11,500	11,200	73.2	820,000
Lassen	700	600	38.3	23,000	2,100	1,500	62.0	93,000
Modoc	2,700	2,500	66.8	167,000	3,900	2,400	67.9	163,000
Plumas	---	---	---	---	---	---	---	---
	3,400	3,100	61.3	190,000	6,000	3,900	65.6	256,000
Alameda	1,000	700	58.6	41,000	2,400	1,200	44.2	53,000
Contra Costa	3,800	2,600	62.3	162,000	3,300	2,700	64.1	173,000
Lake	500	500	34.0	17,000	100	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	1,800	1,300	40.0	52,000	2,000	1,300	40.0	52,000
Napa	---	---	---	---	---	---	---	---
San Benito	2,300	1,200	40.0	48,000	3,300	1,700	90.0	153,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	20,000	10,000	33.3	333,000	19,000	13,000	66.0	858,000
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	4,900	2,000	50.0	100,000	4,000	3,000	89.0	267,000
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	500	300	40.0	12,000	400	200	70.0	14,000
	34,800	18,600	41.1	765,000	34,500	23,100	68.0	1,570,000
Butte	11,000	10,000	66.6	666,000	12,000	9,000	80.0	720,000
Colusa	20,000	19,000	76.9	1,461,000	22,000	21,000	93.3	1,960,000
Glenn	27,000	26,000	76.3	1,984,000	25,000	24,000	84.0	2,016,000
Sacramento	21,500	20,900	84.7	1,771,000	20,000	19,700	91.0	1,793,000
Solano	37,200	36,400	72.5	2,640,000	34,000	34,000	77.0	2,618,000
Sutter	25,600	24,500	81.8	2,004,000	20,000	19,000	86.0	1,634,000
Tehama	4,800	2,000	66.5	133,000	7,000	5,000	70.0	350,000
Yolo	53,800	47,700	71.2	3,395,000	46,000	46,000	85.0	3,910,000
Yuba	2,300	2,100	66.7	140,000	1,800	1,500	89.3	134,000
	203,200	188,600	75.3	14,194,000	187,800	179,200	84.5	15,135,000
Fresno	48,800	45,800	74.9	3,430,000	45,000	41,000	91.4	3,746,000
Kern	32,100	30,000	90.5	2,714,000	33,100	32,000	93.4	2,990,000
Kings	23,000	21,000	97.2	2,041,000	23,000	21,500	89.0	1,914,000
Madera	21,100	20,000	85.9	1,718,000	20,000	18,000	100.0	1,800,000
Merced	14,500	14,100	84.7	1,194,000	11,000	11,000	92.0	1,012,000
San Joaquin	40,700	40,000	81.4	3,255,000	38,000	37,000	88.0	3,256,000
Stanislaus	5,500	5,000	85.0	425,000	4,000	3,300	83.0	274,000
Tulare	47,000	44,000	78.0	3,433,000	40,000	40,000	75.0	3,000,000
	232,700	219,900	82.8	18,210,000	214,100	203,800	88.3	17,992,000
Alpine	---	---	---	---	---	---	---	---
Amador	400	400	30.0	12,000	300	300	100.0	30,000
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	1,000	1,000	19.0	19,000	2,100	1,800	25.0	45,000
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	1,400	1,400	22.1	31,000	2,400	2,100	35.7	75,000
Imperial	73,000	69,800	85.9	5,998,000	75,000	71,000	96.7	6,864,000
Los Angeles	700	500	14.0	7,000	2,700	1,700	13.5	23,000
Orange	---	---	---	---	---	---	---	---
Riverside	20,600	16,500	53.0	875,000	21,500	19,000	43.6	828,000
San Bernardino	---	---	---	---	500	500	102.0	51,000
San Diego	1,100	1,000	33.0	33,000	1,600	1,500	82.7	124,000
Santa Barbara	2,800	2,000	27.5	55,000	2,300	1,900	22.6	43,000
Ventura	---	---	---	---	---	---	---	---
	98,200	89,800	77.6	6,968,000	103,600	95,600	83.0	7,933,000
STATE	590,000	537,000	77.5	41,610,000	560,000	519,000	84.4	43,785,000

CALIFORNIA BARLEY: Acreage, yield, and production, by counties, 1985-86

County	1985				1986			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	100	---	---	---	---	---	---	---
Mendocino	900	400	40.0	16,000	500	200	40.0	8,000
	1,000	400	40.0	16,000	500	200	40.0	8,000
Shasta	1,500	1,200	62.5	75,000	1,000	900	83.3	75,000
Siskiyou	49,500	41,800	107.7	4,500,000	33,000	29,000	83.3	2,415,000
Trinity	---	---	---	---	---	---	---	---
	51,000	43,000	106.4	4,575,000	34,000	29,900	83.3	2,490,000
Lassen	3,100	3,000	39.0	117,000	2,000	1,900	72.1	137,000
Modoc	21,800	20,500	91.0	1,866,000	16,000	15,000	81.2	1,218,000
Plumas	100	100	70.0	7,000	500	200	50.0	10,000
	25,000	23,600	84.3	1,990,000	18,500	17,100	79.8	1,365,000
Alameda	1,800	1,600	33.1	53,000	1,000	500	58.0	29,000
Contra Costa	1,300	1,000	45.0	45,000	1,500	1,200	48.3	58,000
Lake	500	200	35.0	7,000	500	200	40.0	8,000
Marin	100	---	---	---	---	---	---	---
Monterey	45,000	39,600	32.7	1,295,000	45,000	42,900	33.5	1,439,000
Napa	100	100	40.0	4,000	500	200	60.0	12,000
San Benito	12,000	8,500	28.9	246,000	11,000	10,000	40.4	404,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	95,000	90,000	30.0	2,700,000	86,000	83,900	45.8	3,841,000
San Mateo	700	400	32.5	13,000	500	300	46.7	14,000
Santa Clara	1,800	1,000	49.0	49,000	1,500	1,300	75.4	98,000
Santa Cruz	100	---	---	---	---	---	---	---
Sonoma	200	---	---	---	500	---	---	---
	158,600	142,400	31.0	4,412,000	148,000	140,500	42.0	5,903,000
Butte	6,900	6,000	64.8	389,000	5,000	4,500	62.4	281,000
Colusa	3,400	3,400	66.8	227,000	3,500	2,500	75.2	188,000
Glenn	6,500	6,300	49.5	312,000	6,000	5,000	33.4	167,000
Sacramento	3,900	2,800	85.0	238,000	3,000	1,700	110.6	188,000
Solano	8,900	4,800	79.0	379,000	11,000	10,400	71.2	740,000
Sutter	9,900	8,000	80.0	640,000	6,900	6,000	80.0	480,000
Tehama	2,000	1,800	31.1	56,000	1,900	1,600	41.9	67,000
Yolo	12,400	8,000	60.0	480,000	8,000	7,500	50.5	379,000
Yuba	500	400	40.0	16,000	200	100	50.0	5,000
	54,400	41,500	66.0	2,737,000	45,500	39,300	63.5	2,495,000
Fresno	47,000	45,000	81.0	3,647,000	47,000	46,300	61.9	2,865,000
Kern	32,000	28,000	79.0	2,212,000	29,000	28,000	84.1	2,354,000
Kings	23,000	12,000	79.0	948,000	51,900	13,700	77.1	1,056,000
Madera	8,000	5,500	80.9	445,000	6,500	6,100	79.2	483,000
Merced	9,500	6,000	70.5	423,000	10,500	9,400	76.7	721,000
San Joaquin	9,800	8,000	81.0	648,000	8,000	7,000	76.9	538,000
Stanislaus	5,100	5,000	55.0	275,000	5,000	4,900	41.2	202,000
Tulare	23,000	20,000	85.0	1,700,000	21,000	19,000	82.1	1,559,000
	157,400	129,500	79.5	10,298,000	178,900	134,400	72.8	9,778,000
Alpine	100	100	30.0	3,000	---	---	---	---
Amador	200	200	30.0	6,000	100	100	60.0	6,000
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	1,700	1,500	36.0	54,000	100	100	50.0	5,000
Mariposa	100	100	30.0	3,000	---	---	---	---
Mono	200	---	---	---	100	100	40.0	4,000
Nevada	---	---	---	---	---	---	---	---
Placer	200	---	---	---	100	---	---	---
Sierra	100	---	---	---	---	---	---	---
Tuolumne	100	100	40.0	4,000	100	100	40.0	4,000
	2,700	2,000	35.0	70,000	500	400	47.5	19,000
Imperial	1,000	400	85.0	34,000	600	500	84.0	42,000
Los Angeles	10,400	7,500	18.0	135,000	9,000	7,200	13.9	100,000
Orange	5,500	5,500	21.1	116,000	3,800	3,700	41.1	152,000
Riverside	23,800	16,400	9.9	163,000	19,000	17,100	42.4	725,000
San Bernardino	1,400	1,400	50.0	70,000	2,000	1,900	60.0	114,000
San Diego	2,400	1,500	50.0	75,000	3,700	2,700	41.5	112,000
Santa Barbara	3,400	3,400	17.4	59,000	4,500	4,100	54.1	222,000
Ventura	2,000	1,500	20.0	30,000	1,500	1,000	75.0	75,000
	49,900	37,600	18.1	682,000	44,100	38,200	40.4	1,542,000
STATE	500,000	420,000	59.0	24,780,000	470,000	400,000	59.0	23,600,000

CALIFORNIA BARLEY: Acreage, yield, and production, by counties, 1987-88

County	1987				1988			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	500	100	80.0	8,000	500	100	80.0	8,000
	500	100	80.0	8,000	500	100	80.0	8,000
Shasta	1,000	800	62.5	50,000	1,400	1,200	72.5	87,000
Siskiyou	41,500	38,000	84.2	3,199,000	43,000	40,000	87.5	3,500,000
Trinity	---	---	---	---	---	---	---	---
	42,500	38,800	83.7	3,249,000	44,400	41,200	87.1	3,587,000
Lassen	1,900	1,900	60.0	114,000	1,800	1,700	61.8	105,000
Modoc	14,500	14,000	80.0	1,120,000	15,000	13,000	92.3	1,200,000
Plumas	500	300	53.3	16,000	---	---	---	---
	16,900	16,200	77.2	1,250,000	16,800	14,700	88.8	1,305,000
Alameda	1,000	400	30.0	12,000	500	400	30.0	12,000
Contra Costa	1,200	600	70.0	42,000	1,500	600	70.0	42,000
Lake	200	200	40.0	8,000	200	200	40.0	8,000
Marin	---	---	---	---	---	---	---	---
Monterey	24,000	22,000	32.0	704,000	24,600	21,000	47.6	1,000,000
Napa	---	---	---	---	---	---	---	---
San Benito	9,700	9,000	30.0	270,000	7,000	6,000	33.3	200,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	80,000	60,000	40.0	2,400,000	65,000	44,000	54.5	2,400,000
San Mateo	100	100	40.0	4,000	100	100	40.0	4,000
Santa Clara	2,600	1,500	32.0	48,000	1,900	1,000	40.0	40,000
Santa Cruz	500	100	40.0	4,000	400	100	40.0	4,000
Sonoma	500	---	---	---	500	---	---	---
	119,800	93,900	37.2	3,492,000	101,700	73,400	50.5	3,710,000
Butte	3,500	3,000	47.0	141,000	4,000	3,000	66.7	200,000
Colusa	2,000	1,800	39.4	71,000	1,500	1,000	100.0	100,000
Glenn	4,500	3,900	20.8	81,000	3,500	3,400	45.0	153,000
Sacramento	600	600	81.7	49,000	500	500	80.0	40,000
Solano	9,000	8,800	70.0	616,000	8,200	8,000	74.4	595,000
Sutter	7,000	5,000	52.2	261,000	7,000	4,000	80.0	320,000
Tehama	1,200	1,000	32.0	32,000	1,200	1,000	40.0	40,000
Yolo	7,500	7,000	40.4	283,000	6,000	5,000	50.0	250,000
Yuba	600	500	36.0	18,000	600	500	66.0	33,000
	35,900	31,600	49.1	1,552,000	32,500	26,400	65.6	1,731,000
Fresno	41,500	40,000	56.0	2,240,000	32,000	27,000	57.0	1,539,000
Kern	22,400	20,000	70.0	1,400,000	21,000	20,000	35.0	700,000
Kings	27,300	25,000	60.0	1,500,000	24,500	19,800	65.7	1,300,000
Madera	10,500	10,000	54.0	540,000	7,000	6,000	71.7	430,000
Merced	10,500	5,000	49.0	245,000	7,500	4,000	47.5	190,000
San Joaquin	6,400	6,000	80.0	480,000	6,500	6,000	80.0	480,000
Stanislaus	6,000	4,000	39.0	156,000	5,000	4,000	60.0	240,000
Tulare	22,000	20,000	58.3	1,226,000	24,000	20,000	70.0	1,400,000
	146,600	130,000	59.9	7,787,000	127,500	106,800	58.8	6,279,000
Alpine	---	---	---	---	---	---	---	---
Amador	100	100	40.0	4,000	100	100	40.0	4,000
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	100	100	40.0	4,000	100	100	40.0	4,000
Mariposa	100	100	40.0	4,000	100	100	40.0	4,000
Mono	100	100	60.0	6,000	100	100	60.0	6,000
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	400	400	45.0	18,000	400	400	45.0	18,000
Imperial	500	500	96.0	48,000	500	500	90.0	45,000
Los Angeles	8,000	1,400	45.0	63,000	9,000	2,000	40.0	80,000
Orange	2,400	2,300	38.3	88,000	2,000	2,000	35.0	70,000
Riverside	16,100	10,000	11.0	110,000	13,500	8,000	11.9	95,000
San Bernardino	3,000	1,000	22.0	22,000	3,200	1,000	36.0	36,000
San Diego	3,700	1,900	33.2	63,000	3,500	1,500	33.3	50,000
Santa Barbara	3,200	1,900	36.8	70,000	4,000	2,000	33.0	66,000
Ventura	500	---	---	---	500	---	---	---
	37,400	19,000	24.4	464,000	36,200	17,000	26.0	442,000
STATE	400,000	330,000	54.0	17,820,000	360,000	280,000	61.0	17,080,000

CALIFORNIA OATS: Acreage, yield, and production, by counties, 1985-86

County	1985				1986			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	1,000	---	---	---	1,000	---	---	---
Humboldt	1,000	100	70.0	7,000	1,000	---	---	---
Mendocino	3,000	200	85.0	17,000	3,000	---	---	---
	5,000	300	80.0	24,000	5,000	---	---	---
Shasta	6,000	800	55.0	44,000	6,000	900	53.3	48,000
Siskiyou	20,000	7,200	80.0	576,000	20,000	8,700	105.9	921,000
Trinity	---	---	---	---	---	---	---	---
	26,000	8,000	77.5	620,000	26,000	9,600	100.9	969,000
Lassen	4,000	400	60.0	24,000	4,000	500	58.0	29,000
Modoc	6,000	1,700	65.3	111,000	6,000	1,500	88.0	132,000
Plumas	2,000	---	---	---	2,000	---	---	---
	12,000	2,100	64.3	135,000	12,000	2,000	80.5	161,000
Alameda	10,000	200	35.0	7,000	10,000	200	35.0	7,000
Contra Costa	1,500	200	55.0	11,000	1,500	200	55.0	11,000
Lake	2,500	200	60.0	12,000	2,500	200	55.0	11,000
Marin	5,000	500	42.0	21,000	5,000	500	42.0	21,000
Monterey	6,000	300	63.3	19,000	6,000	800	52.5	42,000
Napa	4,000	200	40.0	8,000	4,000	200	40.0	8,000
San Benito	4,000	700	60.0	42,000	4,000	700	60.0	42,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	25,000	2,500	65.2	163,000	25,000	1,800	60.0	108,000
San Mateo	5,500	1,800	60.6	109,000	5,500	1,600	43.8	70,000
Santa Clara	3,500	800	66.3	53,000	3,500	700	78.6	55,000
Santa Cruz	1,000	---	---	---	1,000	---	---	---
Sonoma	27,000	1,800	75.0	135,000	27,000	600	48.3	29,000
	95,000	9,200	63.0	580,000	95,000	7,500	53.9	404,000
Butte	4,000	800	60.0	48,000	3,500	900	57.8	52,000
Colusa	500	---	---	---	500	---	---	---
Glenn	4,000	---	---	---	4,000	---	---	---
Sacramento	4,000	500	70.0	35,000	4,000	500	80.0	40,000
Solano	8,000	2,000	85.0	170,000	8,000	1,600	71.3	114,000
Sutter	4,000	1,200	65.0	78,000	3,500	2,000	59.5	119,000
Tehama	2,500	700	74.3	52,000	2,000	600	66.7	40,000
Yolo	8,000	400	80.0	32,000	7,000	400	60.0	24,000
Yuba	3,000	900	67.8	61,000	2,500	800	60.0	48,000
	38,000	6,500	73.2	476,000	35,000	6,800	64.3	437,000
Fresno	3,000	400	105.0	42,000	3,000	500	82.0	41,000
Kern	4,000	---	---	---	5,000	400	82.5	33,000
Kings	6,000	400	100.0	40,000	7,000	500	82.0	41,000
Madera	6,000	400	100.0	40,000	7,000	1,000	82.0	82,000
Merced	29,000	700	85.7	60,000	35,000	2,300	100.9	232,000
San Joaquin	19,000	4,700	88.9	418,000	26,000	3,100	63.9	198,000
Stanislaus	33,000	500	40.0	20,000	37,000	500	82.0	41,000
Tulare	20,000	---	---	---	25,000	700	80.0	56,000
	120,000	7,100	87.3	620,000	145,000	9,000	80.4	724,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	500	200	50.0	10,000	500	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	1,500	500	50.0	25,000	1,500	600	76.7	46,000
Nevada	---	---	---	---	---	---	---	---
Placer	6,000	1,300	42.3	55,000	6,000	1,600	31.3	50,000
Sierra	500	---	---	---	500	---	---	---
Tuolumne	500	---	---	---	500	---	---	---
	9,000	2,000	45.0	90,000	9,000	2,200	43.6	96,000
Imperial	1,500	500	52.0	26,000	1,500	500	50.0	25,000
Los Angeles	1,500	---	---	---	1,500	---	---	---
Orange	500	---	---	---	500	---	---	---
Riverside	9,000	6,500	50.0	325,000	8,500	3,300	28.8	95,000
San Bernardino	7,500	---	---	---	7,000	---	---	---
San Diego	4,000	200	40.0	8,000	4,000	200	50.0	10,000
Santa Barbara	6,500	600	35.0	21,000	6,000	800	56.3	45,000
Ventura	4,500	2,000	45.0	90,000	4,000	3,100	59.4	184,000
	35,000	9,800	48.0	470,000	33,000	7,900	45.4	359,000
STATE	340,000	45,000	67.0	3,015,000	360,000	45,000	70.0	3,150,000

CALIFORNIA OATS: Acreage, yield, and production, by counties, 1987-88

County	1987				1988			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	600	---	---	---	700	---	---	---
Humboldt	600	---	---	---	600	---	---	---
Mendocino	1,800	---	---	---	1,700	---	---	---
	3,000	---	---	---	3,000	---	---	---
Shasta	3,000	400	57.5	23,000	2,000	400	57.5	23,000
Siskiyou	11,000	7,100	124.5	884,000	9,000	8,000	109.4	875,000
Trinity	---	---	---	---	---	---	---	---
	14,000	7,500	120.9	907,000	11,000	8,400	106.9	898,000
Lassen	2,300	400	55.0	22,000	1,800	300	60.0	18,000
Modoc	3,500	900	92.2	83,000	3,700	1,000	100.0	100,000
Plumas	1,200	---	---	---	500	---	---	---
	7,000	1,300	80.8	105,000	6,000	1,300	90.8	118,000
Alameda	12,300	200	25.0	5,000	10,500	200	20.0	4,000
Contra Costa	2,100	500	94.0	47,000	1,900	300	100.0	30,000
Lake	3,100	200	40.0	8,000	2,900	200	40.0	8,000
Marin	6,200	500	30.0	15,000	6,000	400	30.0	12,000
Monterey	7,300	600	43.3	26,000	6,700	500	46.0	23,000
Napa	4,900	200	30.0	6,000	4,400	200	30.0	6,000
San Benito	4,900	600	41.7	25,000	5,100	500	42.0	21,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	30,500	1,700	49.4	84,000	27,500	1,300	53.8	70,000
San Mateo	6,600	1,200	65.0	78,000	6,400	1,000	60.0	60,000
Santa Clara	4,400	700	44.3	31,000	4,600	500	68.0	34,000
Santa Cruz	1,200	---	---	---	500	---	---	---
Sonoma	35,500	3,200	49.7	159,000	31,500	2,400	50.0	120,000
	119,000	9,600	50.4	484,000	108,000	7,500	51.7	388,000
Butte	4,100	800	56.3	45,000	3,000	500	60.0	30,000
Colusa	600	---	---	---	700	---	---	---
Glenn	4,700	---	---	---	3,800	300	33.3	10,000
Sacramento	5,700	1,300	65.4	85,000	4,300	500	68.0	34,000
Solano	10,000	2,200	68.6	151,000	9,000	1,800	69.4	125,000
Sutter	3,500	1,400	57.9	81,000	3,600	1,300	55.4	72,000
Tehama	2,300	500	50.0	25,000	2,500	400	50.0	20,000
Yolo	8,200	400	42.5	17,000	7,600	200	50.0	10,000
Yuba	2,900	700	42.9	30,000	2,500	500	42.0	21,000
	42,000	7,300	59.5	434,000	37,000	5,500	58.5	322,000
Fresno	2,700	400	60.0	24,000	3,000	300	80.0	24,000
Kern	4,300	400	60.0	24,000	4,600	300	80.0	24,000
Kings	6,000	400	60.0	24,000	5,600	100	80.0	8,000
Madera	6,000	800	66.3	53,000	5,500	700	82.9	58,000
Merced	32,000	2,800	107.9	302,000	33,500	2,300	100.9	232,000
San Joaquin	24,000	3,600	68.6	247,000	23,500	2,600	65.0	169,000
Stanislaus	33,000	400	60.0	24,000	33,500	600	60.0	36,000
Tulare	22,000	600	58.3	35,000	23,800	400	60.0	24,000
	130,000	9,400	78.0	733,000	133,000	7,300	78.8	575,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	600	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	300	---	---	---	300	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	800	600	51.7	31,000	1,300	800	45.0	36,000
Nevada	---	---	---	---	---	---	---	---
Placer	2,300	800	31.3	25,000	2,200	600	30.0	18,000
Sierra	300	---	---	---	300	---	---	---
Tuolumne	300	---	---	---	300	---	---	---
	4,000	1,400	40.0	56,000	5,000	1,400	38.6	54,000
Imperial	2,900	400	37.5	15,000	2,900	300	40.0	12,000
Los Angeles	2,900	---	---	---	2,400	---	---	---
Orange	1,000	---	---	---	1,000	---	---	---
Riverside	15,500	1,800	15.6	28,000	16,000	2,200	20.9	46,000
San Bernardino	13,600	---	---	---	13,200	---	---	---
San Diego	7,800	200	35.0	7,000	9,500	200	35.0	7,000
Santa Barbara	11,300	400	45.0	18,000	11,000	400	52.5	21,000
Ventura	6,000	700	18.6	13,000	6,000	500	18.0	9,000
	61,000	3,500	23.1	81,000	62,000	3,600	26.4	95,000
STATE	380,000	40,000	70.0	2,800,000	365,000	35,000	70.0	2,450,000

CALIFORNIA CORN: Acreage, yield, and production, by counties, 1985-86

County	1985				1986			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	6,000	6,000	120.0	720,000	5,000	4,800	134.0	643,000
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	900	600	150.0	90,000	1,000	---	---	---
Napa	---	---	---	---	---	---	---	---
San Benito	1,800	---	---	---	1,900	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	100	---	---	---	100	---	---	---
San Mateo	100	100	90.0	9,000	---	---	---	---
Santa Clara	1,100	---	---	---	1,000	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	900	100	120.0	12,000	1,000	100	130.0	13,000
	10,900	6,800	122.2	831,000	10,000	4,900	133.0	656,000
Butte	3,000	3,000	140.0	420,000	3,000	2,000	135.5	271,000
Colusa	12,000	11,000	143.0	1,573,000	10,000	8,000	165.0	1,320,000
Glenn	10,000	8,000	135.0	1,080,000	8,000	5,000	171.4	857,000
Sacramento	50,000	40,000	150.0	6,000,000	34,000	24,000	142.8	3,428,000
Solano	52,000	48,000	140.0	6,720,000	44,000	37,000	162.0	5,994,000
Sutter	11,000	7,000	140.0	980,000	7,000	4,000	187.5	750,000
Tehama	1,500	1,500	135.3	203,000	1,000	1,000	150.0	150,000
Yolo	43,000	41,000	154.0	6,314,000	28,000	23,000	169.6	3,900,000
Yuba	3,500	1,500	140.0	210,000	2,000	1,000	130.0	130,000
	186,000	161,000	146.0	23,500,000	137,000	105,000	160.0	16,800,000
Fresno	22,000	8,000	150.0	1,200,000	23,000	7,000	166.9	1,168,000
Kern	10,000	6,000	139.0	834,000	11,000	8,000	139.9	1,119,000
Kings	30,000	13,000	140.0	1,820,000	37,000	11,000	134.0	1,474,000
Madera	18,000	12,000	119.0	1,428,000	24,000	14,000	115.0	1,610,000
Merced	54,000	15,000	128.0	1,920,000	46,000	13,000	161.5	2,100,000
San Joaquin	97,000	72,000	158.0	11,376,000	84,000	61,000	158.0	9,638,000
Stanislaus	57,600	7,600	145.0	1,102,000	58,000	7,000	138.3	968,000
Tulare	55,000	13,000	140.0	1,820,000	58,000	11,000	144.0	1,584,000
	343,600	146,600	146.7	21,500,000	341,000	132,000	148.9	19,661,000
Alpine	---	---	---	---	---	---	---	---
Amador	900	900	110.0	99,000	400	400	130.0	52,000
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	900	900	110.0	99,000	400	400	130.0	52,000
Imperial	1,700	1,700	100.0	170,000	1,100	700	131.4	92,000
Los Angeles	3,600	3,000	100.0	300,000	---	---	---	---
Orange	---	---	---	---	---	---	---	---
Riverside	---	---	---	---	6,500	6,000	109.8	659,000
San Bernardino	1,400	---	---	---	2,000	500	80.0	40,000
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	1,900	---	---	---	2,000	500	80.0	40,000
Ventura	---	---	---	---	---	---	---	---
	8,600	4,700	100.0	470,000	11,600	7,700	107.9	831,000
STATE	550,000	320,000	145.0	46,400,000	500,000	250,000	152.0	38,000,000

CALIFORNIA CORN: Acreage, yield, and production, by counties, 1987-88

County	1987				1988			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	500	---	---	---	200	---	---	---
Trinity	---	---	---	---	---	---	---	---
	500	---	---	---	200	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	3,900	3,600	137.5	495,000	4,100	3,500	103.1	361,000
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	1,000	600	153.3	92,000	600	400	130.0	52,000
Napa	---	---	---	---	---	---	---	---
San Benito	1,100	---	---	---	600	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	300	---	---	---
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	400	---	---	---	200	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	600	---	---	---	900	---	---	---
	7,000	4,200	139.8	587,000	6,700	3,900	105.9	413,000
Butte	2,000	1,400	143.6	201,000	2,000	1,300	166.9	217,000
Colusa	8,300	8,000	164.9	1,319,000	7,000	5,900	164.4	970,000
Glenn	6,000	5,600	155.0	868,000	5,500	4,400	142.7	628,000
Sacramento	28,000	21,000	140.3	2,947,000	28,000	20,500	142.8	2,927,000
Solano	38,000	37,000	163.8	6,062,000	30,000	29,000	156.5	4,539,000
Sutter	6,500	3,900	180.5	704,000	5,500	3,100	137.1	425,000
Tehama	1,200	1,100	158.2	174,000	1,000	900	134.4	121,000
Yolo	22,000	18,000	167.6	3,017,000	18,000	14,000	141.2	1,977,000
Yuba	3,000	1,000	138.0	138,000	3,000	900	122.2	110,000
	115,000	97,000	159.1	15,430,000	100,000	80,000	148.9	11,914,000
Fresno	21,000	8,100	154.2	1,249,000	19,000	7,000	122.7	859,000
Kern	5,000	4,700	172.3	810,000	5,000	4,000	144.3	577,000
Kings	25,000	14,400	177.4	2,555,000	23,000	12,600	129.8	1,636,000
Madera	18,000	12,000	155.1	1,861,000	16,000	10,000	120.7	1,207,000
Merced	43,000	11,500	156.3	1,797,000	39,000	9,700	156.0	1,513,000
San Joaquin	77,000	52,000	164.3	8,546,000	70,000	44,000	152.2	6,695,000
Stanislaus	45,000	7,000	147.3	1,031,000	41,000	6,000	146.3	878,000
Tulare	51,000	8,300	158.9	1,319,000	47,000	7,200	158.2	1,139,000
	285,000	118,000	162.4	19,168,000	260,000	100,500	144.3	14,504,000
Alpine	---	---	---	---	---	---	---	---
Amador	300	200	155.0	31,000	800	500	138.0	69,000
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	1,000	200	130.0	26,000
Sierra	---	---	---	---	500	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	300	200	155.0	31,000	2,300	700	135.7	95,000
Imperial	800	500	100.0	50,000	800	600	123.3	74,000
Los Angeles	---	---	---	---	---	900	70.0	63,000
Orange	---	---	---	---	---	---	---	---
Riverside	1,100	600	93.3	56,000	1,600	---	---	---
San Bernardino	---	---	---	---	1,700	---	---	---
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	1,500	400	70.0	28,000	1,100	---	---	---
Ventura	---	---	---	---	200	200	125.0	25,000
	3,400	1,500	89.3	134,000	5,400	1,700	95.3	162,000
Other Counties	1,800	100	100.0	10,000	400	200	135.0	27,000
STATE	413,000	221,000	160.0	35,360,000	375,000	187,000	145.0	27,115,000

CALIFORNIA GRAIN SORGHUM: Acreage, yield, and production, by counties, 1985-86

County	1985				1986			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	---	---	---	---	---	---	---	---
Napa	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Butte	2,500	2,100	85.7	180,000	1,600	1,500	87.3	131,000
Colusa	3,000	2,600	85.8	223,000	2,000	1,800	85.6	154,000
Glenn	3,400	3,100	90.0	279,000	2,000	1,800	91.1	164,000
Sacramento	1,800	1,500	90.0	135,000	600	500	92.0	46,000
Solano	1,900	1,700	90.0	153,000	1,200	1,100	98.2	108,000
Sutter	7,100	6,000	82.0	492,000	5,000	4,200	81.9	344,000
Tehama	500	300	83.3	25,000	---	---	---	---
Yolo	4,200	3,700	75.1	278,000	1,400	900	71.1	64,000
Yuba	---	---	---	---	---	---	---	---
	24,400	21,000	84.0	1,765,000	13,800	11,800	85.7	1,011,000
Fresno	1,700	1,500	82.0	123,000	1,500	1,300	80.8	105,000
Kern	4,800	4,000	80.0	320,000	4,200	3,800	88.9	338,000
Kings	2,400	1,800	76.1	137,000	1,800	1,500	76.0	114,000
Madera	200	200	75.0	15,000	---	---	---	---
Merced	400	400	65.0	26,000	---	---	---	---
San Joaquin	1,100	1,000	84.0	84,000	1,000	600	93.3	56,000
Stanislaus	400	400	80.0	32,000	---	---	---	---
Tulare	5,200	4,400	87.0	383,000	4,400	3,900	91.8	358,000
	16,200	13,700	81.8	1,120,000	12,900	11,100	87.5	971,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Imperial	700	600	95.0	57,000	500	400	100.0	40,000
Los Angeles	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---
Riverside	400	400	55.0	22,000	2,800	2,700	69.6	188,000
San Bernardino	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	---	---	---	---	---	---	---	---
Ventura	---	---	---	---	---	---	---	---
	1,100	1,000	79.0	79,000	3,300	3,100	73.5	228,000
Other Counties a/	300	300	80.0	24,000	---	---	---	---
STATE	42,000	36,000	83.0	2,988,000	30,000	26,000	85.0	2,210,000

a/ Includes those counties which normally have less than 500 acres planted.

CALIFORNIA GRAIN SORGHUM: Acreage, yield, and production, by counties, 1987-88

County	1987				1988			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	---	---	---	---	---	---	---	---
Napa	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Butte	1,300	1,200	85.0	102,000	1,200	1,100	110.9	122,000
Colusa	1,000	900	82.2	74,000	1,000	1,000	83.0	83,000
Glenn	1,600	1,500	84.7	127,000	1,500	1,500	86.7	130,000
Sacramento	600	500	102.0	51,000	500	400	82.5	33,000
Solano	900	800	92.5	74,000	900	900	81.1	73,000
Sutter	3,700	3,400	85.3	290,000	3,400	3,400	76.5	260,000
Tehama	---	---	---	---	---	---	---	---
Yolo	900	800	83.8	67,000	1,100	1,100	49.1	54,000
Yuba	---	---	---	---	---	---	---	---
	10,000	9,100	86.3	785,000	9,600	9,400	80.3	755,000
Fresno	1,600	500	84.0	42,000	---	---	---	---
Kern	5,100	4,200	100.0	420,000	2,900	1,600	71.9	115,000
Kings	1,800	1,200	80.8	97,000	1,100	300	96.7	29,000
Madera	---	---	---	---	---	---	---	---
Merced	---	---	---	---	800	300	73.3	22,000
San Joaquin	1,000	400	82.5	33,000	---	---	---	---
Stanislaus	---	---	---	---	700	400	77.5	31,000
Tulare	4,400	3,500	95.4	334,000	2,300	2,000	80.0	160,000
	13,900	9,800	94.5	926,000	7,800	4,600	77.6	357,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Imperial	200	200	80.0	16,000	400	400	100.0	40,000
Los Angeles	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---
Riverside	800	800	80.0	64,000	200	200	75.0	15,000
San Bernardino	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	---	---	---	---	---	---	---	---
Ventura	---	---	---	---	---	---	---	---
	1,000	1,000	80.0	80,000	600	600	91.7	55,000
Other Counties a/	100	100	90.0	9,000	2,000	400	82.5	33,000
STATE	25,000	20,000	90.0	1,800,000	20,000	15,000	80.0	1,200,000

a/ Include those counties which normally have less than 500 acres planted.

CALIFORNIA COTTON: Acreage, yield, and production, by counties, 1985-86

County	1985					1986				
	Acres		Yield Per Acre		Production	Acres		Yield Per Acre		Production
	Planted	Harvested	Planted	Harvested	480 Lb. Net Wt. Bales	Planted	Harvested	Planted	Harvested	480 Lb. Net Wt. Bales
	- - Acres - -		- - Pounds - -		- Bales -	- - Acres - -		- - Pounds - -		- Bales -
Fresno	420,000	418,000	1,179	1,185	1,031,900	302,000	300,000	1,128	1,136	710,000
Kern	320,000	318,000	1,160	1,167	773,000	227,000	225,000	1,057	1,067	500,000
Kings	286,000	284,000	1,054	1,062	628,300	212,000	210,000	1,069	1,079	472,000
Madera	45,000	45,000	1,148	1,148	107,600	41,000	40,000	843	864	72,000
Merced	68,000	67,000	1,049	1,065	148,600	55,000	54,000	991	1,009	113,500
Tulare	141,000	139,000	1,006	1,021	295,600	126,000	125,000	1,143	1,152	300,000
SAN JOAQUIN VLY. TOTALS	1,280,000	1,271,000	1,119	1,127	2,985,000	963,000	954,000	1,080	1,091	2,167,500
Imperial	24,500	23,500	1,230	1,283	62,800	17,600	17,100	1,012	1,041	37,100
Riverside	25,000	25,000	1,242	1,242	64,700	18,800	18,300	996	1,023	39,000
SOUTHERN CA. TOTALS	49,500	48,500	1,236	1,262	127,500	36,400	35,400	1,004	1,032	76,100
Other Counties	500	500	1,440	1,440	1,500	600	600	1,120	1,120	1,400
STATE TOTALS*	1,330,000	1,320,000	1,124	1,132	3,114,000	1,000,000	990,000	1,078	1,088	2,245,000

CALIFORNIA COTTON: Acreage, yield, and production, by counties, 1987-88

County	1987					1988				
	Acres		Yield Per Acre		Production	Acres		Yield Per Acre		Production
	Planted	Harvested	Planted	Harvested	480 Lb. Net Wt. Bales	Planted	Harvested	Planted	Harvested	480 Lb. Net Wt. Bales
	- - Acres - -		- - Pounds - -		- Bales -	- - Acres - -		- - Pounds - -		- Bales -
Fresno	342,000	340,000	1,354	1,362	965,000	389,000	384,000	1,117	1,131	905,000
Kern	242,000	240,000	1,250	1,260	630,000	292,000	290,000	1,016	1,023	618,000
Kings	262,000	260,000	1,218	1,228	665,000	305,000	302,000	908	917	577,000
Madera	45,000	44,000	992	1,015	93,000	52,000	51,000	997	1,016	108,000
Merced	68,000	67,000	1,193	1,211	169,000	76,000	75,000	1,112	1,126	176,000
Tulare	150,000	148,000	1,168	1,184	365,000	185,000	182,000	869	884	335,000
SAN JOAQUIN VLY. TOTALS	1,109,000	1,099,000	1,250	1,261	2,887,000	1,299,000	1,284,000	1,005	1,016	2,719,000
Imperial	17,000	17,000	1,129	1,129	40,000	21,000	21,000	937	937	41,000
Riverside	23,000	23,000	1,252	1,252	60,000	29,000	29,000	1,026	1,026	62,000
SOUTHERN CA. TOTALS	40,000	40,000	1,200	1,200	100,000	50,000	50,000	989	989	103,000
Other Counties	1,000	1,000	960	960	2,000	1,000	1,000	960	960	2,000
STATE TOTALS*	1,150,000	1,140,000	1,248	1,259	2,989,000	1,350,000	1,335,000	1,004	1,015	2,824,000

* The above totals do not include American Pima cotton.

CALIFORNIA RICE: Acreage, yield, and production, by counties, 1985-86

County	1985				1986			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - - Acres - - -		Pounds	Cwt.	- - - Acres - - -		Pounds	Cwt.
Butte	72,000	71,000	7,410	5,260,000	70,000	69,000	7,680	5,300,000
Colusa	98,000	97,000	7,300	7,082,000	87,000	87,000	7,770	6,760,000
Glenn	62,000	61,000	7,350	4,481,000	57,000	57,000	7,940	4,524,000
Sacramento	11,000	11,000	7,790	857,000	11,000	11,000	6,000	660,000
Sutter	66,000	65,000	7,460	4,848,000	66,000	65,000	7,830	5,092,000
Tehama	2,000	2,000	6,500	130,000	2,500	2,000	7,300	146,000
Yolo	26,000	25,500	6,940	1,769,000	21,000	21,000	7,330	1,540,000
Yuba	23,000	23,000	7,300	1,678,000	21,500	21,000	7,800	1,638,000
	360,000	355,500	7,340	26,105,000	336,000	333,000	7,710	25,660,000
Fresno	6,500	6,400	6,170	395,000	4,000	4,000	7,500	300,000
Kern	800	800	6,750	54,000	500	500	8,000	40,000
Kings	---	---	---	---	---	---	---	---
Madera	---	---	---	---	---	---	---	---
Merced	8,500	8,400	7,640	642,000	7,000	7,000	8,000	560,000
San Joaquin	5,000	4,900	6,630	325,000	3,500	3,500	7,430	260,000
Stanislaus	2,200	2,000	6,850	137,000	2,000	2,000	6,500	130,000
Tulare	---	---	---	---	---	---	---	---
	23,000	22,500	6,900	1,553,000	17,000	17,000	7,590	1,290,000
Placer	10,500	10,500	7,100	745,000	9,500	9,500	7,790	740,000
Other Counties a/	1,500	1,500	4,330	65,000	500	500	7,400	37,000
STATE	395,000	390,000	7,300	28,468,000	363,000	360,000	7,700	27,727,000

a/ Includes those counties which normally have less than 500 acres planted.

CALIFORNIA RICE: Acreage, yield, and production, by counties, 1987-88

County	1987				1988			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - - Acres - - -		Pounds	Cwt.	- - - Acres - - -		Pounds	Cwt.
Butte	71,000	70,000	7,120	4,981,000	82,500	81,500	7,200	5,868,000
Colusa	90,000	90,000	7,060	6,351,000	105,000	103,000	7,000	7,210,000
Glenn	58,000	58,000	7,330	4,251,000	66,000	65,000	7,060	4,589,000
Sacramento	11,000	11,000	5,640	620,000	13,000	13,000	6,600	858,000
Sutter	67,000	66,000	7,250	4,786,000	71,000	70,000	7,080	4,956,000
Tehama	2,500	2,000	6,900	138,000	2,500	2,500	6,600	165,000
Yolo	21,000	21,000	6,900	1,448,000	29,000	29,000	6,600	1,914,000
Yuba	22,500	22,000	7,000	1,540,000	26,000	26,000	7,500	1,950,000
	343,000	340,000	7,090	24,115,000	395,000	390,000	7,054	27,510,000
Fresno	4,000	4,000	7,050	282,000	4,500	4,500	5,000	225,000
Kern	500	500	7,600	38,000	500	500	5,200	26,000
Kings	---	---	---	---	---	---	---	---
Madera	---	---	---	---	---	---	---	---
Merced	7,000	7,000	7,510	526,000	8,500	8,500	7,000	595,000
San Joaquin	3,500	3,500	6,970	244,000	4,500	4,500	6,600	297,000
Stanislaus	2,000	2,000	6,100	122,000	2,000	2,000	7,050	141,000
Tulare	---	---	---	---	---	---	---	---
	17,000	17,000	7,130	1,212,000	20,000	20,000	6,420	1,284,000
Placer	9,500	9,500	7,320	695,000	9,500	9,500	7,000	665,000
Other Counties a/	500	500	7,000	35,000	500	500	6,200	31,000
STATE	370,000	367,000	7,100	26,057,000	425,000	420,000	7,000	29,490,000

a/ Other counties: Kings, Madera and Tulare.

CALIFORNIA DRY BEANS: Acreage, yield, and production, by counties, 1985-86

County	1985				1986			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		Pounds	Cwt.	- - Acres - -		Pounds	Cwt.
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	4,500	4,500	1,910	86,000	2,500	2,500	2,040	51,000
Napa	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	2,500	2,500	880	22,000	2,500	2,500	1,240	31,000
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
	7,000	7,000	1,540	108,000	5,000	5,000	1,640	82,000
Butte	6,500	6,500	1,800	117,000	5,500	5,500	1,820	100,000
Colusa	8,500	8,400	1,810	152,000	6,500	6,500	1,830	119,000
Glenn	4,200	4,200	1,670	70,000	10,000	10,000	1,780	178,000
Sacramento	1,000	1,000	1,400	14,000	---	---	---	---
Solano	6,500	6,300	2,100	132,000	5,500	5,500	1,910	105,000
Sutter	17,500	17,300	2,010	348,000	18,000	18,000	1,960	352,000
Tehama	1,000	1,000	1,800	18,000	1,000	1,000	1,800	18,000
Yolo	1,800	1,800	1,940	35,000	3,000	3,000	1,800	54,000
Yuba	500	500	1,600	8,000	500	500	1,600	8,000
	47,500	47,000	1,900	894,000	50,000	50,000	1,870	934,000
Fresno	13,000	12,800	1,980	254,000	11,500	11,300	1,590	180,000
Kern	8,000	8,000	2,010	161,000	6,000	6,000	1,750	105,000
Kings	500	500	2,000	10,000	1,000	1,000	1,800	18,000
Madera	4,000	4,000	2,100	84,000	4,000	4,000	1,580	63,000
Merced	9,500	9,500	1,860	177,000	4,500	4,500	1,870	84,000
San Joaquin	29,000	29,000	2,030	590,000	22,000	21,700	1,930	419,000
Stanislaus	36,500	35,500	2,250	799,000	30,500	29,500	2,050	605,000
Tulare	11,500	11,200	2,110	236,000	13,500	13,000	1,650	215,000
	112,000	110,500	2,090	2,311,000	93,000	91,000	1,860	1,689,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Imperial	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---
Orange	500	500	2,400	12,000	500	500	2,200	11,000
Riverside	500	500	2,200	11,000	---	---	---	---
San Bernardino	500	500	1,000	5,000	---	---	---	---
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	9,500	9,500	1,770	168,000	7,500	7,500	1,650	124,000
Ventura	2,500	2,500	2,160	54,000	---	---	---	---
	13,500	13,500	1,850	250,000	8,000	8,000	1,690	135,000
Other Counties a/	---	---	---	---	1,000	1,000	2,200	22,000
STATE	180,000	178,000	2,002	3,563,000	157,000	155,000	1,846	2,862,000

a/ Includes those counties which normally have less than 500 acres planted.

CALIFORNIA DRY BEANS: Acreage, yield, and production, by counties, 1987-88

County	1987				1988			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		Pounds	Cwt.	- - Acres - -		Pounds	Cwt.
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	3,500	3,500	2,090	73,000	2,500	2,400	2,000	48,000
Napa	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	1,600	1,600	1,060	17,000	1,000	900	1,110	10,000
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
	5,100	5,100	1,760	90,000	3,500	3,300	1,760	58,000
Butte	3,500	3,400	1,910	65,000	3,400	3,400	1,820	62,000
Colusa	10,900	10,600	1,580	167,100	9,000	9,000	1,730	156,000
Glenn	9,500	9,400	1,870	176,000	7,000	7,000	1,800	126,000
Sacramento	---	---	---	---	---	---	---	---
Solano	7,300	7,100	1,550	110,000	7,500	7,500	1,750	131,000
Sutter	15,800	15,200	1,830	278,000	15,000	14,500	1,900	276,000
Tehama	2,000	1,900	1,840	35,000	2,000	1,900	1,420	27,000
Yolo	2,400	2,300	1,000	23,100	1,800	1,700	1,820	31,000
Yuba	500	500	1,800	9,000	400	400	1,750	7,000
	51,900	50,400	1,710	863,200	46,100	45,400	1,800	816,000
Fresno	18,300	18,200	1,790	326,000	17,500	17,400	1,800	314,000
Kern	9,100	9,000	2,170	195,000	9,500	9,500	1,970	187,000
Kings	1,900	1,800	1,780	32,000	2,000	1,700	1,760	30,000
Madera	4,700	4,500	1,690	76,000	4,800	4,700	2,000	94,000
Merced	3,500	3,200	2,250	72,000	2,200	2,200	2,090	46,000
San Joaquin	21,000	19,800	1,940	384,000	18,000	18,000	1,800	324,000
Stanislaus	33,800	33,700	1,910	643,000	30,000	28,000	2,200	616,000
Tulare	14,900	14,800	1,800	266,000	14,500	14,000	2,000	280,000
	107,200	105,000	1,900	1,994,000	98,500	95,500	1,980	1,891,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Imperial	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---
Orange	800	800	1,880	15,000	500	500	3,000	15,000
Riverside	700	700	1,430	10,000	400	400	2,250	9,000
San Bernardino	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	4,300	4,200	1,860	78,000
Santa Barbara	5,300	5,000	2,700	135,000	700	700	3,860	27,000
Ventura	700	700	3,570	25,000	---	---	---	---
	7,500	7,200	1,960	185,000	5,900	5,800	2,220	129,000
Other Counties a/	300	300	1,930	5,800	---	---	---	---
STATE	172,000	168,000	1,868	3,138,000	154,000	150,000	1,929	2,894,000

a/ Includes those counties which normally have less than 500 acres planted.

CALIFORNIA SUGAR BEETS: Acreage, yield, and production, by counties, 1985-86

County	1985					1986				
	Planted	Harvested	Yield/ Acre	Production	Percent Sucrose	Planted	Harvested	Yield/ Acre	Production	Percent Sucrose
	- - Acres - -		- - Tons - -			- - Acres - -		- - Tons - -		
Alameda	---	---	---	---	---	---	---	---	---	---
Contra Costa	2,400	2,200	23.2	51,000	14.26	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---	---	---
Monterey	3,800	3,500	36.6	128,000	15.40	6,000	5,800	37.6	218,000	15.24
Napa	---	---	---	---	---	---	---	---	---	---
San Benito	1,100	1,100	28.2	31,000	15.59	1,000	1,000	28.0	28,000	15.92
San Francisco	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---	---	---
	7,300	6,800	30.9	210,000	15.15	7,000	6,800	36.2	246,000	15.31
Butte	2,400	2,300	24.3	56,000	13.96	2,400	2,300	17.0	39,000	13.00
Colusa	9,500	9,400	24.7	232,000	15.19	10,000	9,500	26.5	252,000	14.40
Glenn	8,000	7,600	23.4	178,000	14.26	7,700	7,600	20.5	156,000	14.01
Sacramento	6,800	6,800	15.6	106,000	14.03	3,400	3,400	24.7	84,000	11.59
Solano	21,700	20,900	18.9	396,000	15.37	15,500	15,300	25.8	395,000	15.37
Sutter	4,400	4,400	23.6	104,000	15.00	3,700	3,600	26.1	94,000	12.72
Tehama	1,300	1,300	26.9	35,000	16.00	1,600	1,300	25.4	33,000	16.20
Yolo	17,700	17,700	14.4	255,000	13.37	10,400	9,800	20.8	204,000	15.32
Yuba	---	---	---	---	---	---	---	---	---	---
	71,800	70,400	19.3	1,362,000	14.65	54,700	52,800	23.8	1,257,000	14.43
Fresno	20,400	20,300	31.3	635,000	14.69	26,000	25,700	27.6	709,000	10.75
Kern	7,500	7,500	23.6	177,000	14.53	10,000	10,000	30.0	300,000	14.01
Kings	1,100	1,100	18.2	20,000	15.32	1,500	1,500	26.0	39,000	15.32
Madera	1,700	1,600	27.5	44,000	12.96	2,400	2,300	27.4	63,000	14.01
Merced	13,600	13,300	27.1	360,000	16.56	15,600	15,400	28.0	431,000	10.18
San Joaquin	32,300	32,000	23.1	740,000	15.34	28,200	27,800	25.6	713,000	15.34
Stanislaus	3,700	3,700	20.3	75,000	14.84	3,600	3,500	24.0	84,000	15.10
Tulare	2,300	2,300	29.6	68,000	13.22	3,900	3,800	27.4	104,000	13.22
	82,600	81,800	25.9	2,119,000	15.15	91,200	90,000	27.1	2,443,000	12.86
Alpine	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---	---
Imperial	41,400	41,300	22.2	916,000	15.96	37,400	36,800	22.9	842,000	16.32
Los Angeles	---	---	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---	---	---
Riverside	---	---	---	---	---	---	---	---	---	---
San Bernardino	---	---	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---	---	---
Santa Barbara	1,100	1,100	24.5	27,000	15.08	---	---	---	---	---
Ventura	---	---	---	---	---	---	---	---	---	---
	42,500	42,400	22.2	943,000	15.93	37,400	36,800	22.9	842,000	16.32
Other Counties a/	1,800	1,600	21.9	35,000	14.23	1,700	1,600	27.5	44,000	14.23
STATE	206,000	203,000	23.0	4,669,000	15.05	192,000	188,000	25.7	4,832,000	14.01

a/ Includes those counties which normally have less than 1,000 acres planted.

CALIFORNIA SUGAR BEETS: Acreage, yield, and production, by counties, 1987-88

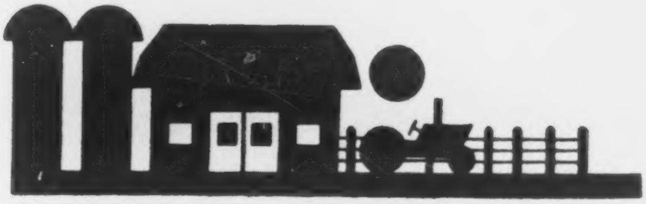
County	1987					1988				
	Planted	Harvested	Yield/ Acre	Production	Percent Sucrose	Planted	Harvested	Yield/ Acre	Production	Percent Sucrose
	- - Acres - -		- - Tons - -			- - Acres - -		- - Tons - -		
Alameda	---	---	---	---	---	---	---	---	---	---
Contra Costa	---	---	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---	---	---
Monterey	4,400	4,400	48.0	211,000	14.40	3,300	3,200	38.8	124,000	14.74
Napa	---	---	---	---	---	---	---	---	---	---
San Benito	1,100	1,100	37.3	41,000	16.26	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---	---	---
Santa Clara	1,200	1,200	43.3	52,000	15.48	1,100	1,100	32.7	36,000	14.93
Santa Cruz	---	---	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---	---	---
	6,700	6,700	45.4	304,000	14.84	4,400	4,300	37.2	160,000	14.76
Butte	3,100	3,000	23.7	71,000	14.40	2,500	2,500	24.0	60,000	12.54
Colusa	12,300	11,900	23.9	285,000	16.13	13,800	13,500	23.6	319,000	14.77
Glenn	9,800	9,500	29.4	279,000	14.01	10,000	9,800	23.5	230,000	12.74
Sacramento	4,800	4,700	24.3	114,000	15.38	6,100	6,100	20.8	127,000	14.46
Solano	19,100	19,100	23.9	456,000	16.06	17,500	17,500	21.0	367,000	14.21
Sutter	7,600	7,500	23.3	175,000	15.52	6,700	6,700	20.0	134,000	15.46
Tehama	---	---	---	---	---	1,500	1,400	21.4	30,000	14.40
Yolo	18,900	18,900	22.8	431,000	14.48	19,100	19,100	20.7	396,000	13.96
Yuba	---	---	---	---	---	---	---	---	---	---
	75,600	74,600	24.3	1,811,000	15.22	77,200	76,600	21.7	1,663,000	14.12
Fresno	24,400	23,800	31.7	754,000	14.17	22,500	22,100	27.4	605,000	14.75
Kern	10,600	10,200	32.7	334,000	15.18	9,900	9,400	29.8	280,000	14.22
Kings	2,000	2,000	25.0	50,000	13.09	2,000	1,900	28.4	54,000	13.61
Madera	3,600	3,600	37.8	136,000	13.67	3,500	3,500	31.7	111,000	14.00
Merced	12,700	12,700	30.1	382,000	16.12	13,600	13,600	27.8	378,000	14.45
San Joaquin	35,900	35,000	29.4	1,029,000	16.01	35,900	34,900	26.1	911,000	14.37
Stanislaus	3,700	3,600	28.6	103,000	14.90	3,100	3,000	27.7	83,000	13.65
Tulare	4,100	4,100	35.9	147,000	13.10	3,500	3,500	28.0	98,000	13.61
	97,000	95,000	30.9	2,935,000	15.11	94,000	91,900	27.4	2,520,000	14.37
Alpine	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---	---
Imperial	37,700	37,700	26.7	1,006,000	16.27	37,800	37,700	24.3	915,000	16.39
Los Angeles	---	---	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---	---	---
Riverside	---	---	---	---	---	---	---	---	---	---
San Bernardino	---	---	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---	---	---
Santa Barbara	---	---	---	---	---	---	---	---	---	---
Ventura	---	---	---	---	---	---	---	---	---	---
	37,700	37,700	26.7	1,006,000	16.27	37,800	37,700	24.3	915,000	16.39
Other Counties a/	2,000	2,000	17.5	35,000	14.75	1,600	1,500	28.0	42,000	14.40
STATE	219,000	216,000	28.2	6,091,000	15.33	215,000	212,000	25.0	5,300,000	14.65

a/ Includes those counties which normally have less than 1,000 acres planted.

CONVERSION TABLE

Crop	Domestic Unit	For Conversion To:			
		Short Ton a/		Metric Ton b/	
		x	-	x	-
Barley	bu. (48 lb.)	.024	41.6667	.02177243	45.9296
Corn	bu. (56 lb.)	.028	35.71429	.02540117	39.368
Oats	bu. (32 lb.)	.016	62.5	.01451496	68.8944
Rice	cwt. (100 lb.)	.05	20.0	.04535924	22.04622
Sorghum	bu. (56 lb.)	.028	35.71429	.02540117	39.368
Wheat	bu. (60 lb.)	.030	33.3333	.02721554	36.7437
Cotton	bales (480 lb.)	.240	4.1667	.21772460	4.59296
Dry Beans	cwt. (100 lb.)	.05	20.0	.04535929	22.04622
Hay	ton (short ton)	1.0	1.0	.90718474	1.10231
Hops	lb.	.0005	2000.0	.00045359	2204.622
Sugar Beets	ton (short ton)	1.0	1.0	.90718474	1.10231

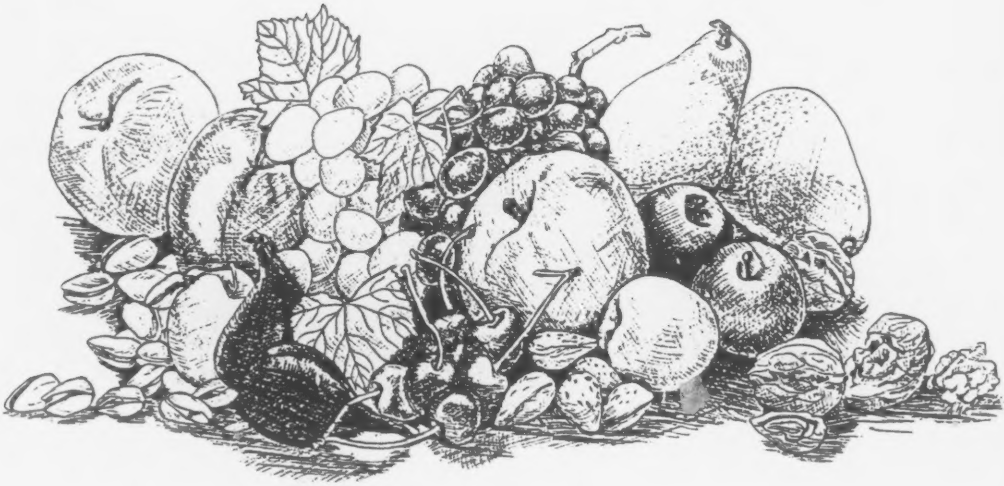
a/ Short ton = 2,000 pounds.
b/ Metric ton = 2,204.622 pounds.



S0850-1.[illegible]-U
5

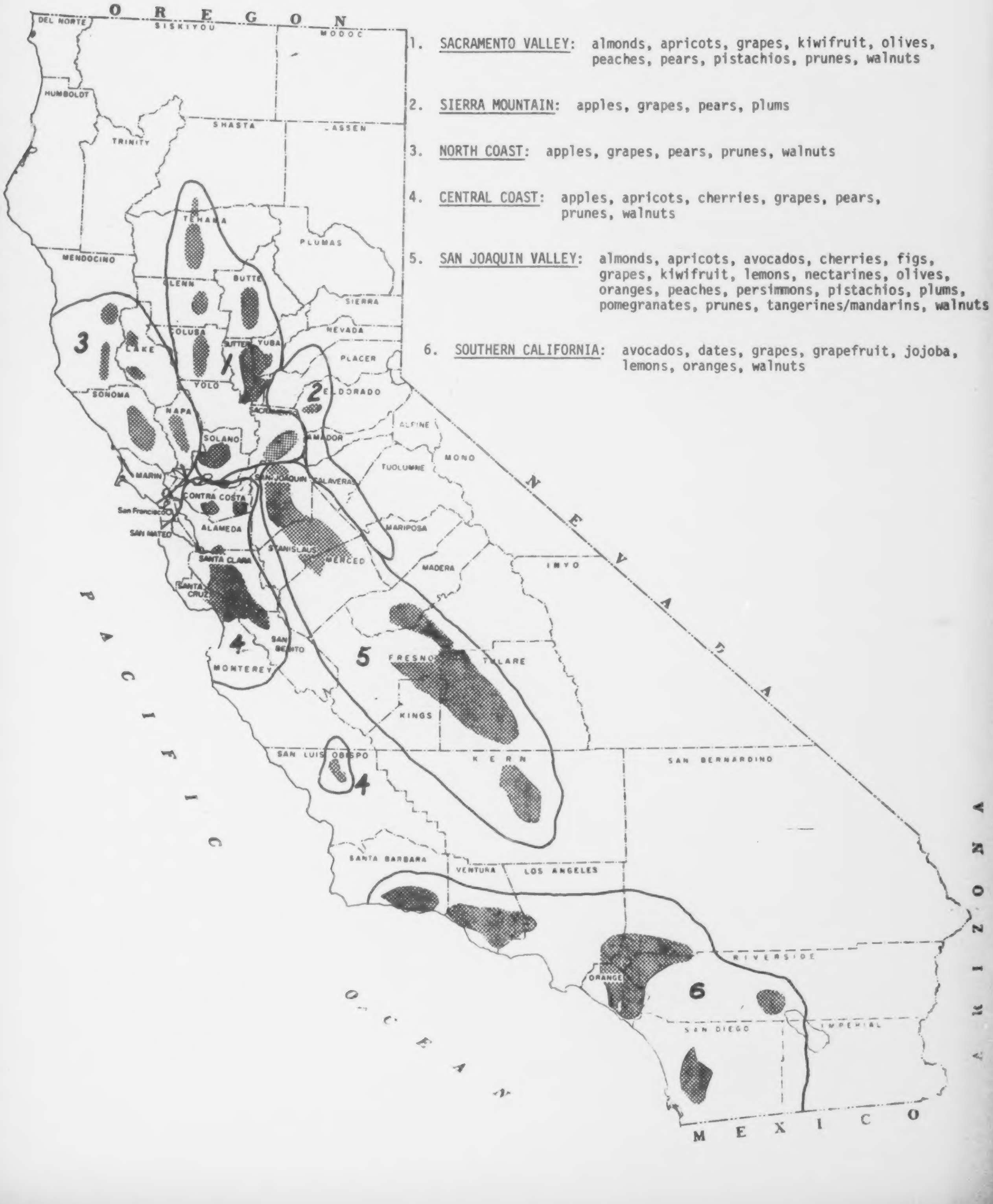
CALIFORNIA
FRUIT & NUT STATISTICS

1980-89



California Agricultural Statistics Service

CALIFORNIA FRUIT AND NUT CROPS
Major Producing Districts


OREGON
DEL NORTE
SISKIYOU
MODOC
HUMBOLDT
TRINITY
SHASTA
LASSEN
TEHAMA
PLUMAS
MENDOCINO
GLENN
BUTTE
SIERRA
NEVADA
COLUSA
SUTTER
YUBA
PLACER
LAKE
YOLO
SONOMA
NAPA
SACRAMENTO
EL DORADO
ALPINE
AMADOR
SOLANO
MARIN
SAN JOAQUIN
CALAVERAS
TUOLUMNE
MONO
CONTRA COSTA
San Francisco
SAN MATEO
ALAMEDA
MARIPOSA
STANISLAUS
MERCED
SANTA CLARA
SANTA CRUZ
MADERA
INYO
SAN BENITO
MONTEREY
FRESNO
TULARE
KINGS
SAN LUIS OBISPO
KERN
SAN BERNARDINO
SANTA BARBARA
VENTURA
LOS ANGELES
ORANGE
RIVERSIDE
SAN DIEGO
IMPERIAL
NEVADA
ARIZONA
MEXICO
PACIFIC OCEAN
1
2
3
4
4
5
6

1. SACRAMENTO VALLEY: almonds, apricots, grapes, kiwifruit, olives, peaches, pears, pistachios, prunes, walnuts

2. SIERRA MOUNTAIN: apples, grapes, pears, plums

3. NORTH COAST: apples, grapes, pears, prunes, walnuts

4. CENTRAL COAST: apples, apricots, cherries, grapes, pears, prunes, walnuts

5. SAN JOAQUIN VALLEY: almonds, apricots, avocados, cherries, figs, grapes, kiwifruit, lemons, nectarines, olives, oranges, peaches, persimmons, pistachios, plums, pomegranates, prunes, tangerines/mandarins, walnuts

6. SOUTHERN CALIFORNIA: avocados, dates, grapes, grapefruit, jojoba, lemons, oranges, walnuts

CALIFORNIA FRUIT AND NUT STATISTICS

This bulletin contains preliminary estimates for 1989 and final 1980-1988 California fruit and nut statistics. Final revisions have been made based on review of marketing order data, recorded truck and rail movement, quantities used by processors, and other available check data. Estimates of production and prices for 1989 are preliminary and subject to revision after final data are received.

Utilization and price data are shown in one table for ease of reading.

Explanatory "Notes for Users" on page 1 provide general information regarding the data shown and covers special or unique factors pertaining to individual crop data.

Data presented in this publication are made possible by the voluntary cooperation of growers, fresh shippers, processors, and other representatives of the California fruit and nut industry. Their cooperation is greatly appreciated.

Any comments or questions regarding this publication should be directed to:

California Agricultural Statistics Service
P.O. Box 1258
Sacramento, CA 95812
(916) 445-3214
(916) 551-1528 (FAX)

JIM TIPPETT
State Statistician

RON RADENZ
Deputy State Statistician

DAVE KLEWENO
TOM McNAIR - LONGINO BUSTILLOS
KAY DEE DYKSTERHUIS -DALE P. HAWKS
Agricultural Statisticians

SUSAN SABATIER
Research Analyst

BARBARA LANDOLT
Agricultural Economist

TRUDY LEITZ
THEA PADDY
Statistical Assistants

United States Department of Agriculture
National Agricultural Statistics Service

State of California
Department of Food and Agriculture
Agricultural Statistics Branch

COVER -- Graphic Illustration by:
L. J. Laaksonen

MAY 1990

TABLE OF CONTENTS

TABLE		PAGE
	NOTES FOR USERS	1
1	CALIFORNIA ALL FRUITS AND NUTS: Total acreage, production, and value by groups	3
	PRODUCTION CHARTS: 1989 Fruit and Nut Production, Comparisons for 1980-1989	4
2	CALIFORNIA NONCITRUS FRUITS: Acreage, production, price, and value	5
	PRODUCTION CHARTS: 1989 California Deciduous Production 1989 California Semi-Tropical Production	8
3	CALIFORNIA CITRUS FRUITS: Acreage, production, price, and value	9
	PRODUCTION CHARTS: 1989 California Citrus Production 1989 California Nut Production	10
4	CALIFORNIA NUTS: Acreage, production, price, and value	11
5	CALIFORNIA NONCITRUS FRUITS: Utilized production and average grower return per ton, by utilization	12
6	CALIFORNIA CITRUS FRUITS: Sales by utilization and average grower return per box	18
	UTILIZATION CHARTS: 1988-89 Citrus Sales by Utilization	19
7	CALIFORNIA CITRUS FRUITS: Grower returns, monthly and season average prices (dollars per box)	20
8	CALIFORNIA RAISINS: Production and average grower returns, by variety	23
9	CALIFORNIA OLIVES: Processed and average grower returns, by variety	23
10	CALIFORNIA NONCITRUS FRUITS: Unutilized production	24
1-6	FOOTNOTES	25

NOTES FOR USERS

1. PRODUCTION

Total production is the quantity actually harvested plus quantities which would have been acceptable for fresh market or processing but were not harvested. It also includes fruit that was harvested but not sold due to marketing conditions.

Utilized production is the amount sold, plus the quantities used at home or held in storage.

Yield is based on fresh weight total production.

2. UTILIZATION

Utilization refers to first, but not necessarily final, utilization. For example, frozen fruit used for preserves is included as frozen.

Canned: Includes all canned products -- jam, jelly, baby food, nectar, juice, puree, and all fruit packs combined.

Dried: Tonnage published is the equivalent fresh tonnage weight for most fruits. Data acquired from dry yards and dehydrators provide the dried tonnage and the estimated drying ratio. The equivalent green tonnage used for drying is derived. The following table lists the tons of green fruit required to produce one dried ton.

Year	Apples	Apricots	Figs	Raisins	Freestone Peaches	Pears	Prunes
1980	8.40	7.00	3.00	5.22	8.00	5.40	3.48
1981	10.00	6.90	3.00	4.00	8.50	5.00	3.15
1982	8.50	6.88	3.00	5.24	8.70	6.00	3.20
1983	8.50	6.88	3.00	4.48	9.00	6.00	3.20
1984	8.50	6.40	3.00	4.15	9.00	5.90	3.00
1985	8.50	6.50	3.00	4.50	8.00	6.50	3.05
1986	8.50	6.80	3.00	4.26	9.03	6.40	2.94
1987	8.30	6.90	3.00	4.02	9.00	7.10	2.98
1988	8.80	6.70	3.00	4.99	8.20	6.50	3.11
1989	N/A	6.40	3.00	4.30	8.40	5.90	3.39

3. PRICE AND VALUE

a. Noncitrus Fruits and Nuts

Average grower return: The entire data series is based on the equivalent return at the first delivery point. The first delivery point price is defined as the price received by growers for fruit delivered at the local market, receiving house, receiving station, or any other first delivery point. Drying costs are excluded from grower return on all fruit crops except grapes.

Price and Value: The difference between first delivery point and PHD prices is transportation costs. Prices are season averages computed on the basis of all methods of sale. Returns at the processing plant door for "processing" utilization and returns at the packinghouse door for "fresh market" utilization are weighted together to obtain the season average. Crop value estimates cover the marketing season or crop year and should not be confused with cash receipts from these crops which are calculated on a single calendar year. The season average price is applied to utilized production to compute value of production.

b. Citrus Fruits

Price and value, published as "grower return per box", are based on equivalent packinghouse door returns for the entire data series.

4. CITRUS AND AVOCADO CROP YEAR

Production for the crop year is from the bloom of the first year shown. For example, 1988-89 would represent the 1989 production from the 1988 bloom.

5. MISCELLANEOUS NOTES

Strawberry, bushberry, and melon information is available in the Vegetable Crops Annual Bulletin.

1989 FRUIT AND NUT CROP OVERVIEW

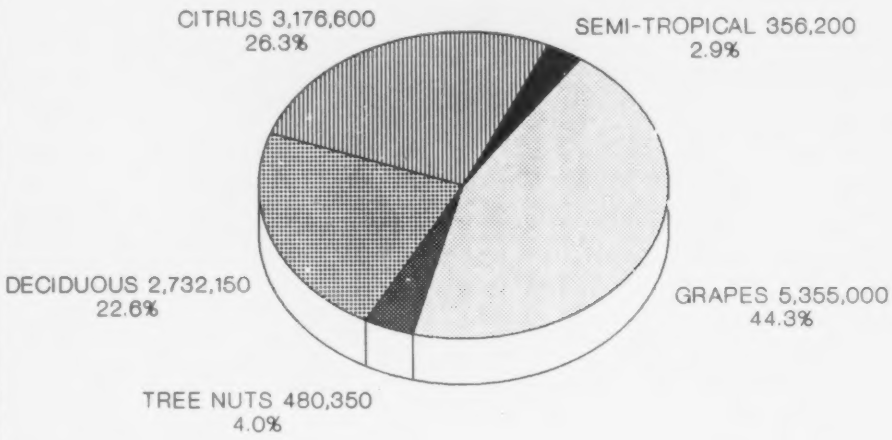
The total value of California's 1989 fruit and nut crops is estimated to be 4.1 billion, down approximately one percent from 1988. Grapes continued to lead with 38 percent of the total value.

Production for the 1989 fruit and nut crops is estimated at 12.7 million tons slightly above 1988. Total bearing acreage of 1,952,750 was off slightly from a year ago. Average value of production per acre of $2,103 was down $17 from a year ago.

The 1989 year began with moderate precipitation and temperatures slightly cooler than normal. The pattern was abruptly altered the week of February 11. Cold, wet Arctic air hit much of the State bringing record lows. The extreme cold front remained in place for nearly a week. Freeze damage was heaviest in lemon and Navel orange groves, causing fruit to be downgraded. Generally, other fruit and nut crops were minimally impacted. The month of February closed with temperatures below average and rainfall well below normal. Intermittent storms continued with a system hitting in early March. Tulare County received hail and high winds while rains impaired almond pollination in northern counties. Frontal systems continued to move intermittently across the northern State, bringing rain showers and moderate temperatures through April. May entered with hail scattered in parts of the Sacramento Valley. Damage was limited. Harvesting of early stone fruit began in the San Joaquin Valley. Normal May temperatures gave way to cool conditions by month's end. Normal to slightly below normal temperatures persisted through June and into early July. Precipitation was light and scattered with season totals falling 20-40 percent below average. Temperatures in July and August were moderate with only a few days reaching record highs. Fruit quality was very good with sizes generally near average. Good harvest conditions continued into early September. Spotty rain fell in the northern part of the State during the month, but became heavy by month's end. The rain and accompanying warm conditions caused mold and mildew, most extensively in grapes. Damage to white wine varieties was heaviest in Napa and Sonoma counties. Raisin grape losses were minimized due to reconditioning efforts. Nut crop losses were minimal. Temperatures were mostly above average in October with only scattered rainfall. Warm, dry conditions dominated November. Small amounts of precipitation fell the first week of December, followed by a return to dry, cool weather for the rest of the month.

TABLE 1 --- ALL CALIFORNIA FRUITS AND NUTS: TOTAL ACREAGE, PRODUCTION, AND VALUE BY GROUPS, 1980-89

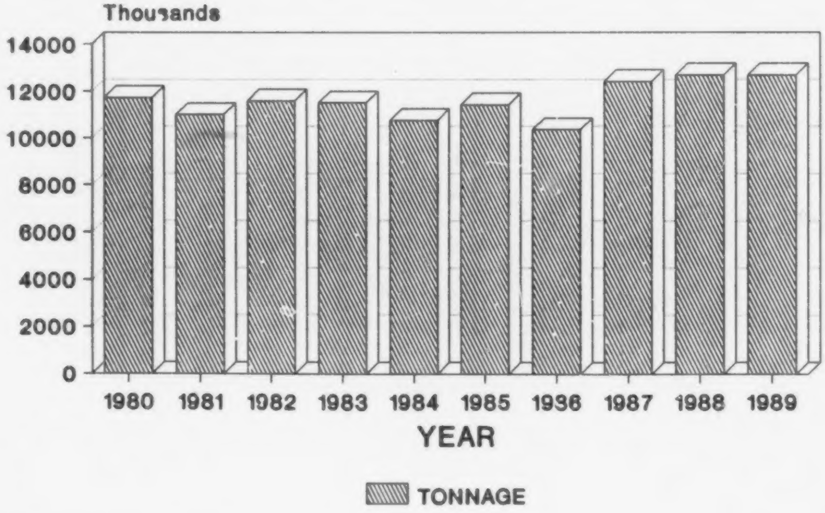
CROP	CROP YEAR	BEARING ACREAGE	PRODUCTION	AVERAGE VALUE PER ACRE a/	VALUE OF UTILIZED PRODUCTION
		--- Acres ---	-- Short Tons --	-- DOLLARS --	-- (000) Dollars --
DECIDUOUS TREE FRUITS b/	1980	276,900	2,772,140	2,155	596,664
	1981	268,300	2,533,075	2,055	551,293
	1982	271,500	2,178,000	1,820	494,001
	1983	269,800	2,004,500	1,760	474,779
	1984	268,700	2,371,700	2,013	540,777
	1985	269,800	2,337,450	2,201	593,845
	1986	270,200	1,985,260	2,262	611,126
	1987	278,200	2,698,420	2,451	681,946
	1988	279,600	2,446,310	2,642	738,737
	1989	279,800	2,732,150	2,808	785,556 h/
GRAPES c/	1980	597,900	5,124,000	2,061	1,232,511
	1981	593,500	3,993,000	2,034	1,207,145
	1982	618,400	6,076,000	2,016	1,246,938
	1983	644,400	4,919,000	1,471	947,894
	1984	667,800	4,670,000	1,321	882,117
	1985	682,200	5,207,000	1,286	877,048
	1986	670,700	4,770,000	1,581	1,060,245
	1987	662,800	4,660,000	1,815	1,202,840
	1988	654,200	5,520,000	2,219	1,451,883
	1989	651,600	5,355,000	2,370	1,544,350
TREE NUTS d/	1980	533,210	371,450	1,337	712,877
	1981	529,370	436,250	1,034	547,390
	1982	547,570	429,500	1,124	615,380
	1983	567,770	333,200	695	394,713
	1984	590,630	539,550	1,123	663,210
	1985	621,500	465,050	921	572,529
	1986	631,600	342,450	1,171	739,856
	1987	635,800	594,100	1,474	937,275
	1988	632,600	552,000	1,456	921,155
	1989	632,000	480,350	1,175	742,324 h/
SEMITROPICAL TREE FRUITS e/	1980	105,700	251,850	1,707	180,451
	1981	112,600	343,400	1,270	143,017
	1982	119,500	365,100	1,755	209,720
	1983	123,100	314,000	1,157	142,401
	1984	127,500	396,300	1,328	169,268
	1985	128,100	357,500	1,599	204,841
	1986	129,300	339,300	1,992	257,518
	1987	129,600	417,200	1,306	169,270
	1988	129,000	337,800	2,266	292,332
	1989	127,700	356,200	2,287	291,986 h/
CITRUS FRUITS f/	79-80	264,600	3,206,925	1,521	402,371
	80-81	266,200	3,703,645	1,723	458,708
	81-82	264,800	2,540,050	1,839	486,869
	82-83	260,000	3,944,175	1,705	443,350
	83-84	259,300	2,781,155	2,098	543,913
	84-85	254,500	3,069,500	2,871	730,629
	85-86	252,800	2,928,500	2,439	616,598
	86-87	250,700	3,376,975	2,668	668,962
	87-88	250,700	3,235,425	2,863	717,705
	88-89	247,900	3,176,600	2,862	709,478
TOTAL g/	1980	1,778,310	11,726,365	1,757	3,124,874
	1981	1,769,970	11,009,370	1,643	2,907,553
	1982	1,821,770	11,588,650	1,676	3,052,908
	1983	1,865,070	11,514,875	1,288	2,403,137
	1984	1,913,930	10,758,705	1,463	2,799,285
	1985	1,956,100	11,436,500	1,523	2,978,892
	1986	1,954,600	10,365,510	1,681	3,285,343
	1987	1,970,489	12,423,505	1,877	3,698,133
	1988	1,959,850	12,689,215	2,120	4,155,432
	1989	1,952,750	12,697,980	2,103	4,107,314



1989 FRUIT AND NUT PRODUCTION

TOTAL TONNAGE BY GROUP

SOURCE: TABLE 1, PAGE 3



CALIFORNIA FRUIT AND NUT PRODUCTION

TOTAL TONNAGE 1980-89

SOURCE: TABLE 1, PAGE 3

TABLE 2 --- CALIFORNIA NONCITRUS FRUITS: ACREAGE, PRODUCTION, PRICE, AND VALUE, 1980-89

CROP	CROP YEAR	BEARING	NON-BEARING	YIELD PER ACRE	TOTAL PRODUCTION	GROWER RETURN a/	PRICE b/	TOTAL VALUE
		--- Acres ---		--- Tons ---		-- Dollars/Ton --		-- (000) Dollars --
APPLES	1980	22,400	4,900	11.60	260,000	138.00	140.00	36,520
	1981	23,100	4,300	13.50	313,000	140.00	142.00	42,924
	1982	22,300	5,100	10.80	240,000	220.00	224.00	53,847
	1983	23,800	5,400	9.66	230,000	231.00	236.00	54,218
	1984	21,300	6,600	12.20	260,000	250.00	262.00	67,980
	1985	21,800	7,300	14.20	310,000	186.00	188.00	58,540
	1986	21,200	8,400	12.10	257,500	318.00	326.00	83,903
	1987	22,700	8,100	14.30	325,000	216.00	222.00	72,070
	1988	23,000	7,700	13.70	315,000	350.00	374.00	117,750
	1989	24,000	6/12/90	13.50	325,000	272.00	296.00	96,200
APRICOTS	1980	24,100	2,000	5.19	125,000	271.00	288.00	36,000
	1981	22,600	2,000	3.83	86,500	294.00	308.00	26,615
	1982	21,800	2,100	5.28	115,000	302.00	319.00	36,691
	1983	21,000	2,000	4.26	89,500	286.00	306.00	27,404
	1984	20,000	1,700	6.15	123,000	285.00	302.00	34,178
	1985	19,000	1,900	6.74	128,000	251.00	255.00	26,276
	1986	18,500	1,400	2.70	50,000	356.00	371.00	18,564
	1987	18,000	2,500	6.11	110,000	322.00	333.00	33,970
	1988	17,800	2,100	5.34	95,000	327.00	340.00	29,613
	1989	17,000	6/12/90	6.76	115,000	308.00	324.00	35,948
AVOCADOS	79-80	51,100	18,400	1.47	75,000	1496.00	1496.00	112,200
	80-81	59,500	16,300	4.00	238,000	357.00	357.00	84,966
	81-82	65,700	14,500	2.39	157,000	689.00	689.00	108,173
	82-83	68,000	9,000	2.97	202,000	460.00	460.00	92,920
	83-84	72,100	5,200	3.43	247,000	370.00	370.00	91,390
	84-85	73,000	2,600	2.74	200,000	582.00	582.00	116,400
	85-86	74,500	1,300	2.15	160,000	1,020.00	1,020.00	163,200
	86-87	75,000	1,000	3.71	278,000	338.00	338.00	93,964
	87-88	74,800	700	2.41	180,000	1,140.00	1,140.00	205,200
	88-89	74,500	500	2.19	163,000	1,230.00	1,230.00	200,490
CHERRIES, SWEET	1980	11,300	1,900	4.07	46,000	623.00	632.00	29,094
	1981	10,800	1,600	3.17	34,250	711.00	722.00	24,731
	1982	10,700	1,600	1.15	12,300	1,350.00	1,360.00	16,714
	1983	10,600	1,100	1.58	16,800	872.00	876.00	14,717
	1984	10,800	1,000	3.44	37,200	686.00	687.00	25,569
	1985	10,900	1,000	2.16	23,500	1,050.00	1,050.00	24,641
	1986	10,400	1,500	0.81	8,400	1,210.00	1,220.00	10,211
	1987	10,300	1,500	4.37	45,000	631.00	636.00	28,615
	1988	10,000	1,500	2.60	26,000	768.00	771.00	20,040
	1989	10,200	6/12/90	2.55	26,000	935.00	939.00	24,418
DATES	1980	4,000	600	5.60	22,400	634.00	634.00	14,204
	1981	4,000	800	5.58	22,300	639.00	639.00	14,250
	1982	4,100	700	5.83	23,900	736.00	736.00	17,590
	1983	4,200	900	4.05	17,000	638.00	638.00	10,846
	1984	4,300	1,300	5.16	22,200	791.00	791.00	17,560
	1985	4,400	1,300	6.57	28,900	860.00	860.00	24,854
	1986	4,500	1,200	3.96	17,800	828.00	828.00	14,738
	1987	4,900	900	3.96	19,400	872.00	872.00	16,917
	1988	5,000	900	4.40	22,000	898.00	898.00	19,756
	1989	5,200	6/12/90	4.27	22,200	865.00	865.00	19,203
FIGS	1980	14,300	6,600	3.18	45,450	306.00	306.00	13,910
	1981	14,800	5,800	2.58	38,200	329.00	329.00	12,579
	1982	14,700	5,300	2.56	37,700	278.00	278.00	10,498
	1983	15,800	4,400	2.15	34,000	206.00	206.00	6,994
	1984	17,300	1,600	2.11	36,500	288.00	288.00	10,508
	1985	17,800	700	1.83	32,600	305.00	305.00	9,953
	1986	18,000	500	2.78	50,000	283.00	283.00	14,173
	1987	18,100	100	2.89	52,300	331.00	331.00	17,336
	1988	17,700	50	2.73	48,300	345.00	345.00	16,666
	1989	17,200	6/12/90	2.79	48,000	7/10/90	7/10/90	7/10/90

TABLE 2 --- CALIFORNIA NONCITRUS FRUITS: ACREAGE, PRODUCTION, PRICE, AND VALUE, 1980-89 (continued)

CROP	CROP YEAR	BEARING	NON-BEARING	YIELD PER ACRE	TOTAL PRODUCTION	GROWER RETURN a/	PRICE b/	TOTAL VALUE
		--- Acres ---		--- Tons ---		-- Dollars/Ton --		-- (000) Dollars --
GRAPES, ALL c/	1980	597,900	100,000	8.57	5,124,000	241.00	241.00	1,232,511
	1981	593,500	124,800	6.73	3,993,000	302.00	302.00	1,207,145
	1982	618,400	120,700	9.83	6,076,000	231.00	232.00	1,246,938
	1983	644,400	105,500	7.63	4,919,000	198.00	199.00	947,894
	1984	667,800	75,000	6.99	4,670,000	189.00	189.00	882,117
	1985	682,200	51,000	7.98	5,207,000	168.00	168.00	877,048
	1986	670,700	36,900	7.68	4,770,000	222.00	222.00	1,060,245
	1987	662,800	38,700	7.19	4,660,000	258.00	258.00	1,202,840
	1988	654,200	36,900	8.77	5,520,000	263.00	263.00	1,451,883
	1989	651,600	6/12/90	8.22	5,355,000	288.00	288.00	1,544,350
GRAPES, RAISIN c/ d/	1980	244,000	32,900	11.00	2,692,000	236.00	237.00	636,881
	1981	249,800	36,900	7.12	1,779,000	305.00	306.00	544,143
	1982	260,000	32,000	11.80	3,062,000	217.00	218.00	575,003
	1983	274,000	22,300	9.25	2,535,000	158.00	158.00	377,868
	1984	284,000	15,400	8.08	2,295,000	156.00	156.00	356,092
	1985	283,000	7,900	9.83	2,487,000	141.00	141.00	349,948
	1986	277,000	3,900	9.01	2,045,000	212.00	213.00	434,665
	1987	275,000	2,900	8.35	2,170,000	222.00	223.00	483,870
	1988	271,000	3,700	10.40	2,570,000	205.00	205.00	525,830
	1989	271,000	6/12/90	9.65	2,615,000	247.00	247.00	646,090
GRAPES, TABLE	1980	63,100	12,100	6.78	428,000	410.00	410.00	175,364
	1981	63,700	16,800	6.59	420,000	440.00	440.00	184,970
	1982	67,400	17,300	9.08	612,000	344.00	344.00	203,511
	1983	71,400	19,300	7.06	504,000	351.00	351.00	176,734
	1984	75,800	16,300	6.27	475,000	304.00	304.00	144,250
	1985	78,200	18,200	7.42	580,000	230.00	230.00	133,360
	1986	81,700	12,400	7.59	620,000	307.00	307.00	190,140
	1987	83,800	10,200	6.44	540,000	435.00	435.00	235,040
	1988	86,200	6,400	8.93	770,000	363.00	363.00	279,363
	1989	87,600	6/12/90	7.08	620,000	426.00	426.00	264,150
GRAPES, WINE	1980	290,800	55,000	6.89	2,004,000	210.00	210.00	420,266
	1981	280,000	71,100	6.41	1,794,000	266.00	266.00	478,032
	1982	291,000	71,400	8.25	2,402,000	218.00	218.00	468,424
	1983	299,000	63,900	6.29	1,880,000	209.00	209.00	393,292
	1984	308,000	43,300	6.17	1,900,000	201.00	201.00	381,775
	1985	321,000	24,900	6.67	2,140,000	184.00	184.00	393,740
	1986	312,000	20,600	6.75	2,105,000	207.00	207.00	435,440
	1987	304,000	25,600	6.41	1,950,000	248.00	248.00	483,930
	1988	297,000	26,800	7.34	2,180,000	297.00	297.00	646,690
	1989	293,000	6/12/90	7.24	2,120,000	299.00	299.00	634,110
KIWIFRUIT	1980	1,600	2,700	3.31	5,300	2,400.00	2,400.00	10,080
	1981	3,000	2,800	2.30	6,900	2,000.00	2,000.00	11,000
	1982	3,400	2,800	4.56	15,500	920.00	920.00	10,580
	1983	3,100	2,300	4.35	13,500	1,240.00	1,240.00	14,260
	1984	3,800	2,100	4.74	18,000	1,070.00	1,070.00	17,762
	1985	4,800	1,400	4.58	22,000	813.00	813.00	16,667
	1986	5,600	1,300	4.34	24,300	1,030.00	1,030.00	24,102
	1987	6,800	800	4.26	29,000	710.00	710.00	18,886
	1988	6,900	600	4.74	32,700	760.00	760.00	22,420
	1989	7,100	6/12/90	5.11	36,300	770.00	770.00	26,565
NECTARINES	1980	18,400	9,000	10.40	191,000	231.00	231.00	44,045
	1981	21,000	7,400	8.67	182,000	229.00	229.00	41,610
	1982	22,200	2,400	8.02	178,000	249.00	249.00	44,254
	1983	23,100	5,400	8.01	185,000	299.00	299.00	55,375
	1984	24,500	2,800	7.47	183,000	316.00	316.00	57,779
	1985	22,400	3,300	9.38	210,000	327.00	327.00	68,723
	1986	22,800	3,200	7.54	172,000	440.00	440.00	75,720
	1987	23,600	3,300	8.09	191,000	343.00	343.00	65,545
	1988	24,200	2,300	8.26	200,000	394.00	394.00	78,861
	1989	24,400	6/12/90	8.20	200,000	396.00	396.00	79,290

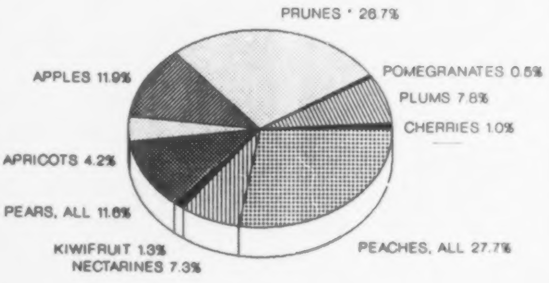
TABLE 2 --- CALIFORNIA NONCITRUS FRUITS: ACREAGE, PRODUCTION, PRICE, AND VALUE, 1980-89 (continued)

CROP	CROP YEAR	BEARING	NON-BEARING	YIELD PER ACRE	TOTAL PRODUCTION	GROWER RETURN a/	PRICE b/	TOTAL VALUE
		--- Acres ---		--- Tons ---		-- Dollars/Ton --		-- (000) Dollars --
OLIVES	1980	36,300	1,500	3.00	109,000	359.00	368.00	40,137
	1981	34,300	1,200	1.31	44,900	685.00	695.00	31,222
	1982	35,000	700	4.19	146,500	501.00	511.00	73,459
	1983	35,100	700	1.74	61,000	519.00	525.00	31,641
	1984	33,800	1,000	2.68	90,600	550.00	557.00	49,810
	1985	32,900	1,400	2.92	96,000	559.00	566.00	53,634
	1986	32,300	1,600	3.45	111,500	587.00	594.00	65,407
	1987	31,600	1,900	2.14	67,500	608.00	615.00	41,053
	1988	31,500	1,900	2.78	87,500	580.00	587.00	50,710
	1989	30,800	6/12/90	3.99	123,000	530.00	539.00	65,175
PEACHES, ALL	1980	61,400	15,000	16.10	985,500	168.00	191.00	177,032
	1981	57,000	13,200	14.40	818,000	198.00	219.00	168,638
	1982	58,200	9,700	13.00	758,500	177.00	192.00	121,271
	1983	55,000	13,900	10.20	559,000	184.00	199.00	98,561
	1984	54,900	9,000	13.70	749,500	183.00	199.00	131,738
	1985	54,400	9,000	13.50	735,500	200.00	223.00	142,342
	1986	54,300	9,800	13.10	714,000	204.00	225.00	141,882
	1987	54,800	10,400	13.10	715,500	215.00	233.00	149,002
	1988	53,700	10,300	14.30	770,000	240.00	258.00	177,672
	1989	52,900	6/12/90	14.30	758,000	243.00	263.00	178,166
PEACHES, CLINGSTONE	1980	39,200	7,100	19.10	747,500	160.00	188.00	129,908
	1981	33,800	6,500	17.80	601,000	182.00	208.00	115,072
	1982	34,300	6,000	16.10	551,000	164.00	184.00	77,410
	1983	29,900	6,300	11.40	341,500	160.00	180.00	49,520
	1984	28,700	5,600	18.20	521,000	180.00	200.00	86,940
	1985	29,000	5,800	17.00	492,500	190.00	220.00	87,163
	1986	29,300	6,600	15.90	466,500	168.00	196.00	73,374
	1987	28,900	6,700	15.90	460,000	190.00	212.00	80,750
	1988	27,600	7,800	18.40	508,500	208.00	232.00	98,072
	1989	27,800	6/12/90	17.80	496,000	212.00	240.00	98,262
PEACHES, FREESTONE	1980	22,200	7,900	10.70	238,000	191.00	198.00	47,124
	1981	23,200	6,700	9.35	217,000	240.00	247.00	53,566
	1982	23,900	3,700	8.68	207,500	207.00	211.00	43,861
	1983	25,100	7,600	8.67	217,500	218.00	225.00	49,041
	1984	26,200	3,400	8.72	228,500	189.00	196.00	44,798
	1985	25,400	3,200	9.57	243,000	220.00	228.00	55,179
	1986	25,000	3,200	9.90	247,500	267.00	276.00	68,508
	1987	25,900	3,700	9.86	255,500	256.00	268.00	68,252
	1988	26,100	2,500	10.00	261,500	298.00	304.00	79,600
	1989	25,100	6/12/90	10.40	262,000	298.00	304.00	79,904
PEARS, ALL	1980	35,600	1,700	11.20	397,700	155.00	184.00	73,195
	1981	31,200	1,700	12.10	376,000	150.00	176.00	66,286
	1982	30,100	1,400	10.70	321,500	123.00	150.00	48,164
	1983	26,800	1,600	10.00	268,200	122.00	147.00	39,382
	1984	25,500	1,600	12.20	312,000	154.00	178.00	53,401
	1985	24,700	1,700	11.80	292,500	213.00	238.00	69,735
	1986	23,100	2,100	12.70	294,000	204.00	232.00	68,140
	1987	23,100	1,900	14.60	337,000	173.00	192.00	64,794
	1988	23,000	1,600	13.10	302,000	217.00	247.00	74,540
	1989	22,400	6/12/90	14.10	316,000	238.00	271.00	85,515
PEARS, BARTLETT	1980	33,900	1,200	11.40	387,000	155.00	185.00	71,496
	1981	29,800	800	12.30	366,000	149.00	176.00	64,514
	1982	28,700	500	10.90	314,000	126.00	148.00	46,410
	1983	25,400	500	10.20	260,000	115.00	141.00	36,665
	1984	24,200	400	12.50	302,000	150.00	175.00	50,874
	1985	23,400	400	12.10	282,000	207.00	233.00	65,814
	1986	21,900	400	13.00	285,000	195.00	223.00	63,445
	1987	21,700	300	15.00	325,000	155.00	176.00	57,058
	1988	21,300	200	13.70	291,000	207.00	238.00	69,290
	1989	20,400	6/12/90	14.70	299,000	231.00	265.00	79,305

TABLE 2 --- CALIFORNIA NONCITRUS FRUITS: ACREAGE, PRODUCTION, PRICE, AND VALUE, 1980-89 (continued)

CROP	CROP YEAR	BEARING	NON-BEARING	YIELD PER ACRE	TOTAL PRODUCTION	GROWER RETURN a/	PRICE b/	TOTAL VALUE
		--- Acres ---		--- Tons ---		-- Dollars/Ton --		-- (000) Dollars --
PEARS, OTHER	1980	1,700	500	6.29	10,700	149.00	159.00	1,699
	1981	1,400	900	7.14	10,000	168.00	177.00	1,772
	1982	1,400	900	5.36	7,500	220.00	234.00	1,754
	1983	1,400	1,100	5.86	8,200	330.00	331.00	2,717
	1984	1,300	1,200	7.69	10,000	253.00	253.00	2,527
	1985	1,300	1,300	8.08	10,500	367.00	373.00	3,921
	1986	1,200	1,700	7.50	9,000	519.00	522.00	4,695
	1987	1,400	1,600	8.57	12,000	644.00	645.00	7,736
	1988	1,700	1,400	6.47	11,000	477.00	477.00	5,250
	1989	2,000	6/12/90	8.50	17,000	365.00	365.00	6,210
PLUMS	1980	29,400	11,500	5.44	160,000	449.00	449.00	71,810
	1981	30,900	9,800	6.39	197,500	309.00	309.00	61,062
	1982	32,900	4,100	3.59	118,000	620.00	620.00	73,139
	1983	34,900	8,500	4.54	158,500	435.00	435.00	69,020
	1984	35,800	6,900	6.28	225,000	212.00	212.00	47,796
	1985	36,600	5,600	4.55	166,500	514.00	514.00	85,512
	1986	38,200	4,700	3.98	152,000	657.00	657.00	99,857
	1987	39,900	4,600	6.14	245,000	308.00	308.00	75,361
	1988	40,800	2,700	5.29	216,000	475.00	475.00	102,661
	1989	41,000	6/12/90	5.20	213,000	445.00	445.00	94,796
POMEGRANATES	1980	3,100	900	5.48	17,000	259.00	259.00	4,144
	1981	3,300	1,000	5.00	16,500	278.00	278.00	4,114
	1982	3,300	900	4.85	16,000	263.00	263.00	3,787
	1983	3,800	700	5.26	20,000	270.00	272.00	5,147
	1984	3,400	500	5.88	20,000	105.00	106.00	2,010
	1985	3,500	300	5.54	19,400	317.00	318.00	5,529
	1986	3,500	300	6.29	22,000	394.00	395.00	7,666
	1987	3,400	200	5.44	18,500	340.00	340.00	5,617
	1988	3,500	100	5.71	20,000	358.00	359.00	6,454
	1989	3,500	6/12/90	4.00	14,000	7/10/90	7/10/90	7/10/90
PRUNES (Dried Basis)	1980	69,600	13,300	2.41	168,000	683.00	683.00	114,744
	1981	65,400	13,300	2.44	159,500	654.00	654.00	104,313
	1982	66,600	12,900	1.89	126,000	679.00	679.00	85,554
	1983	67,700	13,300	2.14	145,000	667.00	667.00	96,715
	1984	68,700	13,200	2.15	148,000	693.00	693.00	102,564
	1985	71,700	12,800	1.97	141,000	680.00	680.00	95,880
	1986	72,600	10,400	1.36	99,000	819.00	819.00	81,081
	1987	75,600	7,700	3.03	229,000	734.00	734.00	168,086
	1988	76,700	5,800	1.97	151,000	782.00	782.00	118,082
	1989	77,300	6/12/90	2.78	215,000	7/10/90	7/10/90	7/10/90

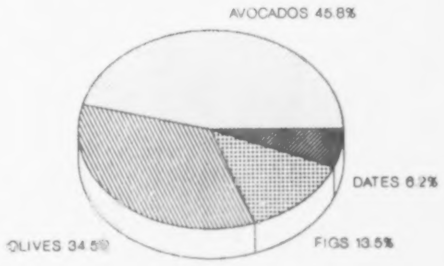
1989 CALIFORNIA DECIDUOUS PRODUCTION
PERCENT OF TOTAL TONNAGE BY GROUP



* CONVERTED TO GREEN WEIGHT

SOURCE: TABLE 2, PAGES 5-6

1989 CALIFORNIA SEMI-TROPICAL PRODUCTION
PERCENT OF TOTAL TONNAGE BY GROUP



SOURCE: TABLE 2, PAGES 5-6

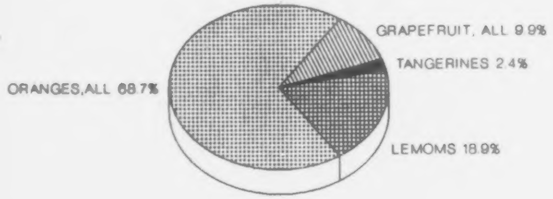
TABLE 3 --- CALIFORNIA CITRUS FRUITS: ACREAGE, PRODUCTION, PRICE, AND VALUE, 1979-89

CROP	CROP YEAR	BEARING	NON-BEARING	YIELD PER ACRE	TOTAL PRODUCTION	GROWER RETURN PER BOX	TOTAL VALUE
		--- Acres ---		- Boxes -	(000) Boxes	-- Dollars --	-- (000) Dollars --
GRAPEFRUIT, ALL a/	1979-80	21,300	3,500	352	7,500	2.96	22,216
	1980-81	21,800	3,200	370	8,060	4.58	36,929
	1981-82	22,000	2,300	280	6,150	3.20	19,661
	1982-83	21,700	1,800	336	7,300	3.35	24,328
	1983-84	21,900	1,500	331	7,240	4.24	30,652
	1984-85	21,100	1,300	417	8,800	7.16	62,936
	1985-86	20,900	1,300	388	8,100	7.33	59,280
	1986-87	20,800	1,500	447	9,300	6.06	56,251
	1987-88	20,700	1,100	440	9,100	6.24	56,600
	1988-89	19,900	1,200	427	8,500	6.23	52,795
GRAPEFRUIT, DESERT VALLEY	1979-80	10,300		408	4,200	2.33	9,781
	1980-81	10,100	b/	422	4,260	4.34	18,501
	1981-82	10,400	700	327	3,400	3.02	10,282
	1982-83	9,900	700	414	4,100	2.83	11,600
	1983-84	10,300	700	324	3,340	4.01	13,388
	1984-85	9,700	400	392	3,800	6.83	25,956
	1985-86	9,400	500	383	3,600	6.81	24,504
(Net weight per box:	1986-87	9,200	600	467	4,300	5.48	23,578
64 pounds)	1987-88	9,000	600	467	4,200	5.07	21,304
	1988-89	8,200	800	427	3,500	4.92	17,225
GRAPEFRUIT, OTHER AREAS	1979-80	11,000		300	3,300	3.77	12,435
	1980-81	11,700	b/	325	3,800	4.85	18,428
	1981-82	11,600	1,600	237	2,750	3.41	9,379
	1982-83	11,800	1,100	271	3,200	3.98	12,728
	1983-84	11,600	800	336	3,900	4.43	17,264
	1984-85	11,400	900	439	5,000	7.40	36,980
	1985-86	11,500	800	391	4,500	7.73	34,776
(Net weight per box:	1986-87	11,600	900	431	5,000	6.53	32,673
67 pounds)	1987-88	11,700	500	419	4,900	7.20	35,296
	1988-89	11,700	400	427	5,000	7.11	35,570
ORANGES, ALL	1979-80	185,100	4,300	321	59,400	3.85	228,772
	1980-81	183,300	4,300	356	65,250	4.47	291,797
	1981-82	180,200	4,700	233	41,900	8.80	368,740
	1982-83	177,400	4,500	429	76,100	4.16	316,699
	1983-84	177,100	5,200	274	48,500	8.21	398,161
	1984-85	175,300	6,800	299	52,400	9.66	505,970
(All varieties--net weight	1985-86	174,600	7,600	309	53,900	6.77	364,952
per box: 75 pounds)	1986-87	172,900	12,700	335	57,900	7.50	434,124
	1987-88	172,600	13,900	342	59,000	7.77	458,180
	1988-89	171,800	14,500	342	58,800	7.45	438,289
ORANGES, NAVEL & MISC.	1979-80	111,100	3,200	293	32,600	3.93	128,189
	1980-81	110,200	3,100	352	38,750	4.01	155,341
	1981-82	108,000	2,900	245	26,500	7.22	191,436
	1982-83	109,000	2,700	369	40,200	4.61	185,328
	1983-84	109,000	2,800	309	33,700	5.57	187,721
	1984-85	108,000	3,500	243	26,200	11.36	297,610
	1985-86	107,000	4,200	308	33,000	7.15	235,980
	1986-87	106,000	7,400	325	34,500	7.04	242,840
	1987-88	106,000	8,100	297	31,500	7.82	246,462
	1988-89	105,000	8,800	324	34,000	7.30	248,305
ORANGES, VALENCIA	1979-80	74,000	1,100	362	26,800	3.75	100,583
	1980-81	73,100	1,200	363	26,500	5.15	136,456
	1981-82	72,200	1,800	213	15,400	11.51	177,304
	1982-83	68,400	1,800	525	35,900	3.66	131,371
	1983-84	68,100	2,400	217	14,800	14.22	210,440
	1984-85	67,300	3,300	389	26,200	7.95	208,360
	1985-86	67,600	3,400	309	20,900	6.17	128,972
	1986-87	66,900	5,300	350	23,400	8.17	191,284
	1987-88	66,600	5,800	413	27,500	7.70	211,718
	1988-89	66,800	5,700	371	24,800	7.66	189,984

TABLE 3 --- CALIFORNIA CITRUS FRUITS: ACREAGE, PRODUCTION, PRICE, AND VALUE, 1979-89

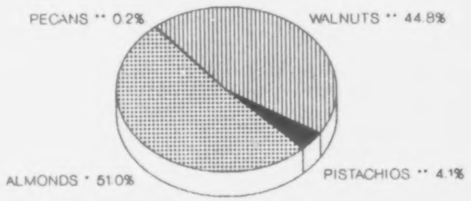
CROP	CROP YEAR	BEARING	NON-BEARING	YIELD PER ACRE	TOTAL PRODUCTION	GROWER RETURN PER BOX	TOTAL VALUE
		--- Acres ---		- Boxes -	(000) Boxes	-- Dollars --	-- (000) Dollars --
LEMONS	1979-80	49,800	7,700	355	17,700	8.12	143,674
	1980-81	52,700	5,700	461	24,300	5.04	122,384
	1981-82	54,200	4,800	341	18,500	4.58	84,744
	1982-83	52,000	2,700	390	20,300	4.38	89,011
	1983-84	51,500	2,200	335	17,250	5.89	101,517
	1984-85	49,600	1,800	399	19,800	7.10	140,514
	1985-86	48,800	1,500	309	15,100	11.29	170,426
(Net weight per box:	1986-87	48,400	1,100	444	21,500	7.11	152,890
76 pounds)	1987-88	49,000	700	347	17,000	10.04	170,628
	1988-89	48,300	500	335	16,200	11.70	189,532
TANGERINES c/	1979-80	8,400	1,200	196	1,650	4.67	7,709
	1980-81	8,400	1,200	221	1,860	4.08	7,598
(Including Mandarines	1981-82	8,400	1,400	206	1,730	7.93	13,724
and Mandarin Hybrids,	1982-83	8,900	1,100	242	2,150	6.19	13,312
Tangelos and Tangors)	1983-84	8,800	1,000	210	1,850	7.34	13,583
	1984-85	8,500	800	198	1,680	12.62	21,209
	1985-86	8,500	600	212	1,800	12.19	21,940
(Net weight per box:	1986-87	8,600	600	259	2,230	11.52	25,697
75 pounds)	1987-88	8,400	800	249	2,090	15.45	32,297
	1988-89	7,900	800	258	2,040	14.15	28,862

1989 CALIFORNIA CITRUS PRODUCTION
PERCENT OF TOTAL TONNAGE BY GROUP



SOURCE: TABLE 3, PAGE 9-10

1989 CALIFORNIA NUT PRODUCTION
PERCENT OF TOTAL TONNAGE BY GROUP



* SHELLED BASIS
** IN-SHELL BASIS
SOURCE: TABLE 4, PAGE 11

TABLE 4 --- CALIFORNIA NUTS: ACREAGE, PRODUCTION, PRICE, AND VALUE, 1980-89

CROP	CROP YEAR	BEARING	NON-BEARING	YIELD PER ACRE	TOTAL PRODUCTION	GROWER RETURN	TOTAL VALUE
		--- Acres ---		Pounds	-- (000) Pounds --	Cents/Lb.	-- (000) Dollars --
ALMONDS	1980	326,800	62,200	985	322,000	147.0	473,340
	1981	326,200	86,200	1,250	408,000	78.0	299,520
(Shelled	1982	339,000	89,400	1,020	347,000	94.0	311,140
Basis)	1983	360,000	76,900	672	242,000	104.0	231,920
	1984	381,000	58,200	1,550	590,000	77.4	446,134
a/	1985	409,000	29,900	1,140	465,000	80.0	360,640
	1986	416,000	17,200	601	250,000	192.0	461,568
	1987	417,000	17,500	1,580	660,000	100.0	648,000
	1988	412,000	16,100	1,430	590,000	105.0	600,075
	1989	408,000	6/12/90	1,200	490,000	100.0	471,500

CROP	CROP YEAR	BEARING	NON-BEARING	YIELD PER ACRE	TOTAL PRODUCTION	GROWER RETURN	TOTAL VALUE
		--- Acres ---		Pounds	-- (000) Pounds --	Cents/Lb.	-- (000) Dollars --
PECANS	1980	510	1,100				
	1981	570	2,500				
(In-Shell	1982	670	2,800				
Basis)	1983	670	1,700				
	1984	830	1,600				
b/	1985	1,200	1,400				
	1986	1,400	1,300				
	1987	1,800	1,200	611	1,100	80.0	880
	1988	2,500	400	800	2,000	70.0	1,400
	1989	2,500	6/12/90	680	1,700	86.7	1,474

CROP	CROP YEAR	BEARING	NON-BEARING	YIELD PER ACRE	MARKETABLE IN-SHELL	SHELLING STOCK	TOTAL PRODUCTION	GROWER RETURN	TOTAL VALUE
		--- Acres ---		Pounds	-- (000) Pounds --			Cents/Lb.	-- (000) Dollars --
PISTACHIOS	1980	26,000	9,000	1,035	18,600	8,300	26,900	205.0	55,145
	1981	27,500	13,100	527	11,300	3,200	14,500	136.0	19,720
(In-Shell	1982	29,900	15,600	1,470	39,600	4,400	44,000	149.0	65,560
Basis)	1983	31,100	16,000	849	20,700	5,700	26,400	141.0	37,224
	1984	30,800	16,800	2,050	45,200	17,900	63,100	97.6	61,586
	1985	32,300	18,700	839	23,100	4,000	27,100	137.0	37,127
	1986	34,200	20,400	2,190	57,500	17,400	74,900	112.0	83,888
	1987	41,000	16,400	807	27,200	5,900	33,100	137.0	45,347
	1988	44,100	11,000	2,130	76,100	17,900	94,000	122.0	114,680
	1989	46,500	6/12/90	839	33,000	6,000	39,000	165.0	64,350

CROP	CROP YEAR	BEARING	NON-BEARING	YIELD PER ACRE	TOTAL PRODUCTION	GROWER RETURN	TOTAL VALUE
		--- Acres ---		Tons	--- Tons ---	$/Ton	-- (000) Dollars --
WALNUTS	1980	179,900	23,200	1.10	197,000	936	184,392
	1981	175,100	22,900	1.28	225,000	1,014	228,150
(In-Shell	1982	178,000	19,600	1.31	234,000	1,020	238,680
Basis)	1983	176,000	19,900	1.13	199,000	631	125,569
	1984	178,000	20,300	1.20	213,000	730	155,490
	1985	179,000	21,700	1.22	219,000	798	174,762
	1986	180,000	20,800	1.00	180,000	1,080	194,400
	1987	176,000	25,300	1.40	247,000	984	243,048
	1988	174,000	22,100	1.20	209,000	927	193,743
	1989	175,000	6/12/90	1.23	215,000	7/10/90	7/10/90

TABLE 5 --- CALIFORNIA NONCITRUS FRUITS: UTILIZED PRODUCTION AND AVERAGE GROWER RETURN PER TON, BY UTILIZATION CATEGORY, 1980-89

CROP	CROP YEAR	TOTAL UTILIZED PRODUCTION	FOR FRESH MARKET		FOR PROCESSING											
					TOTAL		CANNED		CRUSHED		FROZEN		DRIED,(Fresh Basis)		DRIED BASIS	
			QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN
		Short Tons	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton
APPLES	1980	260,000	80,000	272.00	180,000	79.00	62,000	94.00	100,000	68.00	---	---	18,000	92.00	2,140	773.00
	1981	303,000	72,000	379.00	231,000	65.00	60,000	85.00	157,000	56.00	---	---	14,000	78.00	1,400	780.00
	1982	240,000	73,500	420.00	166,500	132.00	35,000	149.00	123,000	127.00	---	---	8,500	128.00	1,000	1,088.00
	1983	230,000	75,500	448.00	154,500	125.00	40,000	150.00	106,000	114.00	---	---	8,500	150.00	1,000	1,275.00
	1984	260,000	92,500	514.00	167,500	104.00	40,000	130.00	110,000	90.00	---	---	17,500	123.00	2,050	1,046.00
	1985	310,000	80,000	450.00	230,000	93.00	50,000	124.00	140,000	73.00	---	---	40,000	124.00	4,700	1,054.00
	1986	257,500	108,500	614.00	149,000	102.00	24,500	134.00	108,000	90.00	---	---	16,500	135.00	1,950	1,148.00
	1987	325,000	115,000	466.00	210,000	78.00	40,000	115.00	146,000	62.00	---	---	24,000	116.00	2,900	960.00
	1988	315,000	152,500	320.00	162,500	78.00	22,000	113.00	122,500	67.00	---	---	18,000	114.00	2,050	1,000.00
	1989	325,000	7/10/90	7/10/90	7/10/90	7/10/90	7/10/90	7/10/90	7/10/90	7/10/90	---	---	7/10/90	7/10/90	7/10/90	7/10/90
APRICOTS	1980	125,000	9,500	634.00	115,500	241.00	80,500	240.00	---	---	7,900	201.00	27,100	252.00	3,600	1,897.00
	1981	86,500	9,500	524.00	77,000	265.00	43,500	250.00	---	---	8,500	272.00	25,000	286.00	3,600	1,882.00
	1982	115,000	8,000	507.00	107,000	287.00	62,000	258.00	---	---	12,000	253.00	33,000	353.00	4,800	2,427.00
	1983	89,500	6,500	615.00	83,000	261.00	43,800	242.00	---	---	11,000	258.00	28,200	291.00	4,100	2,002.00
	1984	113,000	12,200	488.00	100,800	261.00	66,800	255.00	---	---	11,500	273.00	22,500	274.00	3,520	1,750.00
	1985	103,000	17,000	458.00	86,000	210.00	61,000	211.00	---	---	12,000	180.00	13,000	235.00	2,000	1,530.00
	1986	50,000	6,300	1,060.00	43,700	254.00	27,000	242.00	---	---	7,200	277.00	9,500	271.00	1,400	1,840.00
	1987	102,000	12,300	625.00	89,700	280.00	53,000	268.00	---	---	13,100	279.00	23,600	310.00	2,980	2,450.00
	1988	87,000	12,600	626.00	74,400	276.00	44,500	261.00	---	---	12,200	275.00	17,700	314.00	2,640	2,104.00
	1989	111,000	13,500	590.00	97,500	269.00	65,000	258.00	---	---	11,500	287.00	21,000	296.00	3,280	1,894.00
AVOCADOS a/	79-80	75,000	75,000	1,496.00	---	---	---	---	---	---	---	---	---	---	---	---
	80-81	238,000	238,000	357.00	---	---	---	---	---	---	---	---	---	---	---	---
	81-82	157,000	157,000	689.00	---	---	---	---	---	---	---	---	---	---	---	---
	82-83	202,000	202,000	460.00	---	---	---	---	---	---	---	---	---	---	---	---
	83-84	247,000	247,000	370.00	---	---	---	---	---	---	---	---	---	---	---	---
	84-85	200,000	200,000	582.00	---	---	---	---	---	---	---	---	---	---	---	---
	85-86	160,000	160,000	1,020.00	---	---	---	---	---	---	---	---	---	---	---	---
	86-87	278,000	278,000	338.00	---	---	---	---	---	---	---	---	---	---	---	---
	87-88	180,000	180,000	1,140.00	---	---	---	---	---	---	---	---	---	---	---	---
	88-89	163,000	163,000	1,230.00	---	---	---	---	---	---	---	---	---	---	---	---
CHERRIES, SWEET b/	1980	46,000	32,400	720.00	13,600	406.00	---	---	---	---	---	---	---	---	---	---
	1981	34,250	25,500	801.00	8,750	464.00	---	---	---	---	---	---	---	---	---	---
	1982	12,300	9,700	1,536.00	2,600	639.00	---	---	---	---	---	---	---	---	---	---
	1983	16,800	12,900	973.00	3,900	536.00	---	---	---	---	---	---	---	---	---	---
	1984	37,200	27,600	804.00	9,600	348.00	---	---	---	---	---	---	---	---	---	---
	1985	23,500	19,350	1,160.00	4,150	526.00	---	---	---	---	---	---	---	---	---	---
	1986	8,400	6,600	1,390.00	1,800	565.00	---	---	---	---	---	---	---	---	---	---
	1987	45,000	34,000	686.00	11,000	459.00	---	---	---	---	---	---	---	---	---	---
	1988	26,000	19,500	874.00	6,500	448.00	---	---	---	---	---	---	---	---	---	---
	1989	26,000	18,500	1,120.00	7,500	478.00	---	---	---	---	---	---	---	---	---	---

TABLE 5 --- CALIFORNIA NONCITRUS FRUITS: UTILIZED PRODUCTION AND AVERAGE GROWER RETURN PER TON, BY UTILIZATION CATEGORY, 1980-89

CROP	CROP YEAR	TOTAL UTILIZED PRODUCTION	FOR FRESH MARKET		FOR PROCESSING											
					TOTAL		CANNED		CRUSHED		FROZEN		DRIED, (Fresh Basis)		DRIED BASIS	
			QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN
		Short Tons	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton
DATES	1980	22,400	22,400	634.00	---	---	---	---	---	---	---	---	---	---	---	---
	1981	22,300	22,300	639.00	---	---	---	---	---	---	---	---	---	---	---	---
	1982	23,900	23,900	736.00	---	---	---	---	---	---	---	---	---	---	---	---
	1983	17,000	17,000	638.00	---	---	---	---	---	---	---	---	---	---	---	---
	1984	22,200	22,200	791.00	---	---	---	---	---	---	---	---	---	---	---	---
	1985	28,900	28,900	860.00	---	---	---	---	---	---	---	---	---	---	---	---
	1986	17,800	17,800	828.00	---	---	---	---	---	---	---	---	---	---	---	---
	1987	19,400	19,400	872.00	---	---	---	---	---	---	---	---	---	---	---	---
	1988	22,000	22,000	898.00	---	---	---	---	---	---	---	---	---	---	---	---
	1989	22,200	22,200	865.00	---	---	---	---	---	---	---	---	---	---	---	---
FIGS c/	1980	45,450	2,100	493.00	43,350	296.00	---	---	---	---	---	---	43,350	296.00	---	---
	1981	38,200	1,600	542.00	36,600	320.00	---	---	---	---	---	---	36,600	320.00	---	---
	1982	37,700	1,100	461.00	36,600	273.00	---	---	---	---	---	---	36,600	273.00	---	---
	1983	34,000	850	426.00	33,150	200.00	---	---	---	---	---	---	33,150	200.00	---	---
	1984	36,500	2,000	442.00	34,500	279.00	---	---	---	---	---	---	34,500	279.00	---	---
	1985	32,600	1,400	794.00	31,200	283.00	---	---	---	---	---	---	31,200	283.00	---	---
	1986	50,000	1,400	---	48,600	---	---	---	---	---	---	---	48,600	267.00	---	---
	1987	52,300	1,750	---	50,550	---	---	---	---	---	---	---	50,550	317.00	---	---
	1988	48,300	1,500	---	46,800	---	---	---	---	---	---	---	46,800	327.00	---	---
	1989	48,000	900	---	47,100	---	---	---	---	---	---	---	47,100	7/10/90	---	---
GRAPES, ALL d/	1980	5,124,000	545,000	548.00	4,579,000	204.00	63,000	229.00	2,896,000	188.00	---	---	1,620,000	230.00	310,550	1,198.00
	1981	3,993,000	503,000	513.00	3,490,000	272.00	42,000	225.00	2,416,000	248.00	---	---	1,032,000	329.00	258,000	1,314.00
	1982	5,386,000	680,200	442.00	4,705,800	201.00	35,000	203.00	3,123,300	191.00	---	---	1,547,500	220.00	295,300	1,151.00
	1983	4,775,000	645,500	422.00	4,129,500	163.00	35,000	178.00	2,309,500	188.00	---	---	1,785,000	132.00	398,500	590.00
	1984	4,656,000	650,000	348.00	4,006,000	164.00	30,000	183.00	2,583,500	169.00	---	---	1,392,500	153.00	335,350	635.00
	1985	5,207,000	753,000	273.00	4,454,000	151.00	45,000	178.00	2,843,300	159.00	---	---	1,565,700	134.00	347,940	612.00
	1986	4,770,000	746,500	442.00	4,023,500	181.00	40,000	180.00	2,795,000	183.00	---	---	1,188,500	177.00	278,900	756.00
	1987	4,660,000	685,000	519.00	3,975,000	213.00	40,000	190.00	2,496,000	219.00	---	---	1,439,000	203.00	357,950	817.00
	1988	5,520,000	801,000	493.00	4,719,000	224.00	40,000	200.00	2,852,000	253.00	---	---	1,827,000	180.00	366,400	898.00
	1989	5,355,000	717,000	590.00	4,638,000	242.00	40,000	212.00	2,685,000	262.00	---	---	1,913,000	213.00	444,900	916.00
GRAPES, RAISIN d/	1980	2,692,000	239,000	571.00	2,453,000	203.00	63,000	229.00	778,000	144.00	---	---	1,612,000	230.00	309,000	1,198.00
	1981	1,779,000	204,000	467.00	1,575,000	285.00	42,000	225.00	509,000	199.00	---	---	1,024,000	329.00	256,000	1,315.00
	1982	2,642,000	303,000	431.00	2,339,000	189.00	35,000	203.00	774,000	127.00	---	---	1,530,000	220.00	292,000	1,150.00
	1983	2,391,000	252,000	413.00	2,139,000	128.00	35,000	178.00	330,000	104.00	---	---	1,774,000	131.00	396,000	587.00
	1984	2,281,000	275,000	332.00	2,006,000	132.00	30,000	183.00	587,000	79.00	---	---	1,389,000	153.00	334,500	635.00
	1985	2,487,000	326,000	278.00	2,161,000	120.00	45,000	178.00	559,000	75.00	---	---	1,557,000	134.00	346,000	612.00
	1986	2,045,000	320,000	512.00	1,725,000	156.00	40,000	180.00	505,000	105.00	---	---	1,180,000	177.00	277,000	757.00
	1987	2,170,000	260,000	502.00	1,910,000	185.00	40,000	190.00	440,000	123.00	---	---	1,430,000	203.00	356,000	817.00
	1988	2,570,000	305,000	469.00	2,265,000	205.00	40,000	200.00	415,000	116.00	---	---	1,810,000	180.00	363,000	898.00
	1989	2,615,000	305,000	596.00	2,310,000	201.00	40,000	212.00	370,000	130.00	---	---	1,900,000	214.00	442,000	920.00

TABLE 5 --- CALIFORNIA NONCITRUS FRUITS: UTILIZED PRODUCTION AND AVERAGE GROWER RETURN PER TON, BY UTILIZATION CATEGORY, 1980-89

CROP	CROP YEAR	TOTAL UTILIZED PRODUCTION	FOR FRESH MARKET		FOR PROCESSING											
					TOTAL		CANNED		CRUSHED		FROZEN		DRIED, (Fresh Basis)		DRIED BASIS	
			QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN
		Short Tons	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton
GRAPES, TABLE	1980	428,000	224,000	649.00	204,000	147.00	---	---	196,000	144.00	---	---	8,000	224.00	1,550	1,120.00
	1981	420,000	230,000	639.00	190,000	200.00	---	---	182,000	195.00	---	---	8,000	322.00	2,000	1,286.00
	1982	592,000	311,200	515.00	280,800	154.00	---	---	263,300	149.00	---	---	17,500	235.00	3,300	1,250.00
	1983	504,000	300,500	494.00	203,500	139.00	---	---	192,500	134.00	---	---	11,000	231.00	2,500	1,020.00
	1984	475,000	300,000	405.00	175,000	130.00	---	---	171,500	130.00	---	---	3,500	148.00	850	609.00
	1985	580,000	355,000	292.00	225,000	132.00	---	---	216,300	131.00	---	---	8,700	145.00	1,940	650.00
	1986	620,000	376,500	419.00	243,500	133.00	---	---	235,000	133.00	---	---	8,500	130.00	1,900	582.00
	1987	540,000	370,000	570.00	170,000	142.00	---	---	161,000	140.00	---	---	9,000	174.00	1,950	783.00
	1988	770,000	441,000	535.00	329,000	132.00	---	---	312,000	131.00	---	---	17,000	158.00	3,400	767.00
	1989	620,000	367,000	626.00	253,000	136.00	---	---	240,000	135.00	---	---	13,000	151.00	2,900	677.00
GRAPES, WINE	1980	2,004,000	82,000	203.00	1,922,000	210.00	---	---	1,922,000	210.00	---	---	---	---	---	---
	1981	1,794,000	69,000	228.00	1,725,000	268.00	---	---	1,725,000	268.00	---	---	---	---	---	---
	1982	2,152,000	66,000	144.00	2,086,000	220.00	---	---	2,086,000	220.00	---	---	---	---	---	---
	1983	1,880,000	93,000	213.00	1,787,000	209.00	---	---	1,787,000	209.00	---	---	---	---	---	---
	1984	1,900,000	75,000	175.00	1,825,000	202.00	---	---	1,825,000	202.00	---	---	---	---	---	---
	1985	2,140,000	72,000	155.00	2,068,000	185.00	---	---	2,068,000	185.00	---	---	---	---	---	---
	1986	2,105,000	50,000	160.00	2,055,000	208.00	---	---	2,055,000	208.00	---	---	---	---	---	---
	1987	1,950,000	55,000	254.00	1,895,000	248.00	---	---	1,895,000	248.00	---	---	---	---	---	---
	1988	2,180,000	55,000	283.00	2,125,000	297.00	---	---	2,125,000	297.00	---	---	---	---	---	---
	1989	2,120,000	45,000	258.00	2,075,000	300.00	---	---	2,075,000	300.00	---	---	---	---	---	---
KIWIFRUIT	1980	4,200	4,200	2,400.00												
	1981	5,500	5,500	2,000.00	---	---	---	---	---	---	---	---	---	---	---	---
	1982	11,500	11,500	920.00	---	---	---	---	---	---	---	---	---	---	---	---
	1983	11,500	11,500	1,240.00	---	---	---	---	---	---	---	---	---	---	---	---
	1984	16,600	16,600	1,070.00	---	---	---	---	---	---	---	---	---	---	---	---
	1985	20,500	20,500	813.00	---	---	---	---	---	---	---	---	---	---	---	---
	1986	23,400	23,400	1,030.00	---	---	---	---	---	---	---	---	---	---	---	---
	1987	26,600	26,600	710.00	---	---	---	---	---	---	---	---	---	---	---	---
	1988	29,500	29,500	760.00	---	---	---	---	---	---	---	---	---	---	---	---
	1989	34,500	34,500	770.00	---	---	---	---	---	---	---	---	---	---	---	---
NECTARINES e/	1980	191,000	190,500	231.00	500	78.00	---	---	---	---	---	---	---	---	---	---
	1981	182,000	181,500	229.00	500	91.00	---	---	---	---	---	---	---	---	---	---
	1982	178,000	175,900	251.00	2,100	49.00	---	---	---	---	---	---	---	---	---	---
	1983	185,000	183,800	301.00	1,200	42.30	---	---	---	---	---	---	---	---	---	---
	1984	183,000	182,800	316.00	200	70.00	---	---	---	---	---	---	---	---	---	---
	1985	210,000	208,000	330.00	2,000	41.50	---	---	---	---	---	---	---	---	---	---
	1986	172,000	170,000	445.00	2,000	35.00	---	---	---	---	---	---	---	---	---	---
	1987	191,000	190,500	344.00	500	26.00	---	---	---	---	---	---	---	---	---	---
	1988	200,000	199,000	396.00	1,000	57.00	---	---	---	---	---	---	---	---	---	---
	1989	200,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 5 --- CALIFORNIA NONCITRUS FRUITS: UTILIZED PRODUCTION AND AVERAGE GROWER RETURN PER TON, BY UTILIZATION CATEGORY, 1980-89

CROP	CROP YEAR	TOTAL UTILIZED PRODUCTION	FOR FRESH MARKET		FOR PROCESSING											
					TOTAL		CANNED		CRUSHED		FROZEN		DRIED,(Fresh Basis)		DRIED BASIS	
			QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN
		Short Tons	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton
OLIVES f/	1980	109,000	300	450.00	108,700	359.00	76,800	445.00	3,500	12.00	28,400	170.00	---	---	---	---
	1981	44,900	300	600.00	44,600	686.00	37,900	745.00	2,000	8.00	4,700	497.00	---	---	---	---
	1982	146,500	500	625.00	146,000	501.00	98,000	565.00	4,600	11.00	43,400	409.00	---	---	---	---
	1983	61,000	400	625.00	60,600	518.00	48,000	582.00	4,100	15.20	8,500	397.00	---	---	---	---
	1984	90,600	400	500.00	90,200	550.00	76,700	619.00	2,900	14.00	10,600	196.00	---	---	---	---
	1985	96,000	500	500.00	95,500	559.00	76,100	660.00	5,800	16.00	13,600	227.00	---	---	---	---
	1986	111,500	500	500.00	111,000	587.00	85,000	709.00	6,000	17.00	20,000	240.00	---	---	---	---
	1987	67,500	500	500.00	67,000	609.00	55,000	702.00	3,000	15.00	9,000	236.00	---	---	---	---
	1988	87,500	500	500.00	87,000	580.00	70,000	676.00	3,000	14.00	14,000	223.00	---	---	---	---
	1989	123,000	500	500.00	122,500	530.00	94,000	640.00	5,500	10.00	23,000	205.00	---	---	---	---
PEACHES, ALL g/	1980	929,000	146,100	237.00	782,900	155.00	731,400	158.00	---	---	34,500	112.00	17,000	115.00	2,200	889.00
	1981	770,000	144,500	299.00	625,500	175.00	572,600	180.00	---	---	35,500	126.00	17,400	112.00	2,047	952.00
	1982	679,000	134,000	248.00	545,000	159.00	490,500	163.00	---	---	32,000	138.00	22,500	120.00	2,600	1,040.00
	1983	527,000	151,500	254.00	375,500	156.00	327,500	159.00	---	---	30,000	145.00	18,000	118.00	2,000	1,060.00
	1984	711,500	156,500	220.00	555,000	173.00	501,000	178.00	---	---	40,000	126.00	14,000	100.00	1,550	900.00
	1985	701,750	157,500	270.00	544,250	180.00	483,750	187.00	---	---	44,250	130.00	16,250	104.00	2,050	832.00
	1986	684,250	151,000	354.00	533,250	161.00	460,750	167.00	---	---	56,250	135.00	16,250	96.00	1,800	864.00
	1987	680,500	155,000	334.00	525,500	179.00	449,000	187.00	---	---	59,000	144.00	17,500	101.00	1,950	909.00
	1988	733,000	160,000	396.00	573,000	195.00	495,150	205.00	---	---	57,250	145.00	20,600	117.00	2,500	960.00
	1989	725,500	162,000	392.00	563,500	201.00	485,700	209.00	---	---	63,500	153.00	14,300	110.00	1,700	924.00
PEACHES, CLINGSTONE g/	1980	691,000	1,100	220.00	689,900	160.00	689,900	160.00	---	---	---	---	---	---	---	---
	1981	553,000	1,500	240.00	551,500	182.00	551,500	182.00	---	---	---	---	---	---	---	---
	1982	471,500	1,000	248.00	470,500	164.00	470,500	164.00	---	---	---	---	---	---	---	---
	1983	309,500	---	---	309,500	160.00	309,500	160.00	---	---	---	---	---	---	---	---
	1984	483,000	---	---	483,000	180.00	483,000	180.00	---	---	---	---	---	---	---	---
	1985	458,750	---	---	458,750	190.00	458,750	190.00	---	---	---	---	---	---	---	---
	1986	436,750	---	---	436,750	168.00	436,750	168.00	---	---	---	---	---	---	---	---
	1987	425,000	---	---	425,000	189.00	425,000	189.00	---	---	---	---	---	---	---	---
	1988	471,500	---	---	471,500	207.00	471,500	207.00	---	---	---	---	---	---	---	---
	1989	463,500	---	---	463,500	212.00	463,500	212.00	---	---	---	---	---	---	---	---
PEACHES, FREESTONE g/	1980	238,000	145,000	237.00	93,000	118.00	41,500	125.00	---	---	34,500	112.00	17,000	115.00	2,200	889.00
	1981	217,000	143,000	300.00	74,000	123.00	21,100	127.00	---	---	35,500	126.00	17,400	112.00	2,047	952.00
	1982	207,500	133,000	248.00	74,500	131.00	20,000	134.00	---	---	32,000	138.00	22,500	120.00	2,600	1,040.00
	1983	217,500	151,500	254.00	66,000	135.00	18,000	134.00	---	---	30,000	145.00	18,000	118.00	2,000	1,060.00
	1984	228,500	156,500	220.00	72,000	123.00	18,000	134.00	---	---	40,000	126.00	14,000	100.00	1,550	900.00
	1985	243,000	157,500	270.00	85,500	128.00	25,000	141.00	---	---	44,250	130.00	16,250	104.00	2,050	832.00
	1986	247,500	151,000	354.00	96,500	131.00	24,000	146.00	---	---	56,250	135.00	16,250	96.00	1,800	864.00
	1987	255,500	155,000	334.00	100,500	138.00	24,000	151.00	---	---	59,000	144.00	17,500	101.00	1,950	909.00
	1988	261,500	160,000	396.00	101,500	142.00	23,650	156.00	---	---	57,250	145.00	20,600	117.00	2,500	960.00
	1989	262,000	162,000	392.00	100,000	148.00	22,200	156.00	---	---	63,500	153.00	14,300	110.00	1,700	924.00

TABLE 5 --- CALIFORNIA NONCITRUS FRUITS: UTILIZED PRODUCTION AND AVERAGE GROWER RETURN PER TON, BY UTILIZATION CATEGORY, 1980-89

CROP	CROP YEAR	TOTAL UTILIZED PRODUCTION	FOR FRESH MARKET		FOR PROCESSING											
					TOTAL		CANNED		CRUSHED		FROZEN		DRIED,(Fresh Basis)		DRIED BASIS	
			QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN
		Short Tons	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton
PEARS, ALL e/	1980	397,700	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1981	376,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1982	321,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1983	268,200	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1984	300,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1985	292,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1986	294,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1987	337,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1988	302,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1989	316,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PEARS, BARTLETT h/	1980	387,000	72,000	188.00	315,000	147.00	---	---	---	---	---	---	8,100	109.00	1,500	589.00
	1981	366,000	70,000	207.00	296,000	135.00	---	---	---	---	---	---	7,200	114.00	1,440	570.00
	1982	314,000	81,000	176.00	233,000	109.00	---	---	---	---	---	---	7,200	97.00	1,200	582.00
	1983	260,000	44,700	170.00	215,300	104.00	---	---	---	---	---	---	6,500	90.00	1,080	540.00
	1984	290,000	66,300	160.00	223,700	147.00	---	---	---	---	---	---	4,600	117.00	780	690.00
	1985	282,000	69,000	250.00	213,000	193.00	---	---	---	---	---	---	8,500	136.00	1,310	884.00
	1986	285,000	70,000	332.00	215,000	150.00	---	---	---	---	---	---	9,000	105.00	1,410	672.00
	1987	325,000	74,500	164.00	250,500	152.00	---	---	---	---	---	---	8,000	106.00	1,130	753.00
	1988	291,000	63,700	317.00	227,300	176.00	---	---	---	---	---	---	7,900	147.00	1,220	956.00
	1989	299,000	64,200	299.00	234,800	212.00	---	---	---	---	---	---	6,600	146.00	1,119	861.00
PEARS, OTHER e/	1980	10,700	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1981	10,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1982	7,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1983	8,200	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1984	10,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1985	10,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1986	9,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1987	12,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1988	11,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1989	17,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PLUMS e/	1980	160,000	157,400	456.00	2,600	8.00	---	---	---	---	---	---	---	---	---	---
	1981	197,500	194,300	314.00	3,200	8.10	---	---	---	---	---	---	---	---	---	---
	1982	118,000	116,600	627.00	1,400	14.00	---	---	---	---	---	---	---	---	---	---
	1983	158,500	155,700	443.00	2,800	12.00	---	---	---	---	---	---	---	---	---	---
	1984	225,000	221,000	216.00	4,000	15.00	---	---	---	---	---	---	---	---	---	---
	1985	166,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1986	152,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1987	245,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1988	216,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1989	213,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 5 --- CALIFORNIA NONCITRUS FRUITS: UTILIZED PRODUCTION AND AVERAGE GROWER RETURN PER TON, BY UTILIZATION CATEGORY, 1980-89

CROP	CROP YEAR	TOTAL UTILIZED PRODUCTION	FOR FRESH MARKET		FOR PROCESSING											
					TOTAL		CANNED		CRUSHED		FROZEN		DRIED, (Fresh Basis)		DRIED BASIS	
			QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN
		Short Tons	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton
POMEGRANATES e/	1980	16,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1981	14,800	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1982	14,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1983	18,900	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1984	19,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1985	17,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1986	19,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1987	16,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1988	18,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1989	13,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PRUNES, Dried Basis	1980	168,000	---	---	168,000	683.00	---	---	---	---	---	---	585,000	196.00	168,000	683.00
	1981	159,500	---	---	159,500	654.00	---	---	---	---	---	---	503,000	208.00	159,500	654.00
	1982	126,000	---	---	126,000	679.00	---	---	---	---	---	---	403,200	226.00	126,000	679.00
	1983	145,000	---	---	145,000	667.00	---	---	---	---	---	---	464,000	208.00	145,000	667.00
	1984	148,000	---	---	148,000	693.00	---	---	---	---	---	---	444,000	231.00	148,000	693.00
	1985	141,000	---	---	141,000	680.00	---	---	---	---	---	---	430,100	223.00	141,000	680.00
	1986	99,000	---	---	99,000	819.00	---	---	---	---	---	---	291,100	279.00	99,000	819.00
	1987	229,000	---	---	229,000	734.00	---	---	---	---	---	---	682,000	246.00	229,000	734.00
	1988	151,000	---	---	151,000	782.00	---	---	---	---	---	---	470,000	251.00	151,000	782.00
	1989	215,000	---	---	215,000	7/10/90	---	---	---	---	---	---	718,100	7/10/90	215,000	7/10/90

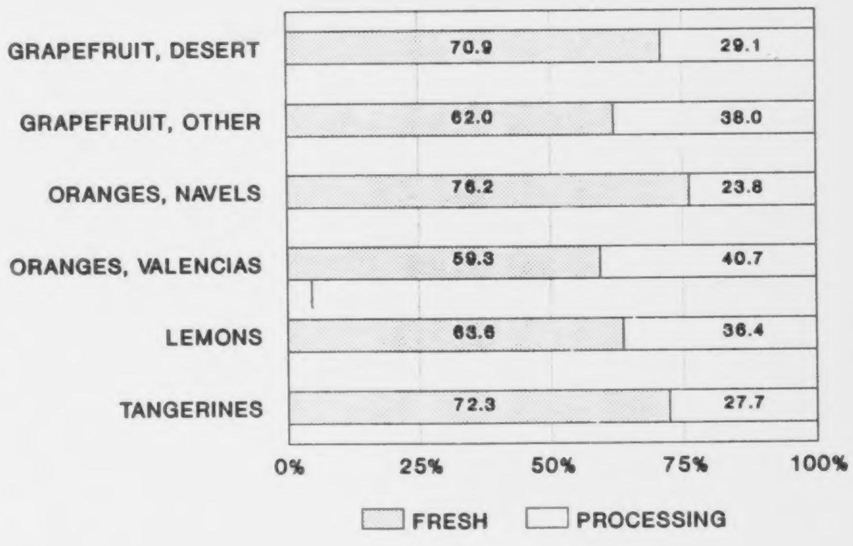
TABLE 6 --- CALIFORNIA CITRUS FRUITS: SALES BY UTILIZATION & AVERAGE GROWER RETURN PER BOX, 1979-89

CROP	CROP YEAR	ALL SALES		FRESH MARKET		PROCESSING	
		QUANTITY	GROWER RETURN a/	QUANTITY	GROWER RETURN a/	QUANTITY	GROWER RETURN a/
		(000) Boxes	$/Box	(000) Boxes	$/Box	(000) Boxes	$/Box
GRAPEFRUIT, ALL	1979-80	7,500	2.96	3,460	5.65	4,040	0.66
	1980-81	8,060	4.58	4,490	7.60	3,570	0.79
	1981-82	6,150	3.20	3,705	5.28	2,445	0.04
	1982-83	7,300	3.35	4,420	5.47	2,880	0.09
	1983-84	7,240	4.24	4,620	6.70	2,620	-0.12
	1984-85	8,800	7.16	6,200	9.70	2,600	1.07
	1985-86	8,100	7.33	5,700	10.13	2,400	0.65
	1986-87	9,300	6.06	5,850	9.15	3,450	0.81
	1987-88	9,100	6.24	6,000	8.90	3,100	1.08
	1988-89	8,500	6.23	5,580	8.98	2,920	1.01
GRAPEFRUIT, DESERT VALLEY	1979-80	4,200	2.33	1,740	4.66	2,460	0.68
	1980-81	4,260	4.34	2,310	7.19	1,950	0.97
	1981-82	3,400	3.02	1,925	5.28	1,475	0.08
	1982-83	4,100	2.83	2,420	4.71	1,680	0.12
	1983-84	3,340	4.01	2,020	6.68	1,320	-0.08
	1984-85	3,800	6.83	2,600	9.48	1,200	1.09
	1985-86	3,600	6.81	2,400	9.86	1,200	0.70
(Net weight per box: 64 pounds)	1986-87	4,300	5.48	2,600	8.48	1,700	0.90
	1987-88	4,200	5.07	2,600	7.48	1,600	1.16
	1988-89	3,500	4.92	2,480	6.60	1,020	0.84
GRAPEFRUIT, OTHER AREAS	1979-80	3,300	3.77	1,720	6.66	1,580	0.62
	1980-81	3,800	4.85	2,180	8.03	1,620	0.57
	1981-82	2,750	3.41	1,780	5.28	970	-0.02
	1982-83	3,200	3.98	2,000	6.34	1,200	0.04
	1983-84	3,900	4.43	2,600	6.72	1,300	-0.16
	1984-85	5,000	7.40	3,600	9.86	1,400	1.06
	1985-86	4,500	7.73	3,300	10.32	1,200	0.60
(Net weight per box: 67 pounds)	1986-87	5,000	6.53	3,250	9.66	1,750	0.73
	1987-88	4,900	7.20	3,400	9.94	1,500	1.00
	1988-89	5,000	7.11	3,100	10.80	1,900	1.10
ORANGES, ALL	1979-80	59,400	3.85	39,480	5.14	19,920	1.30
	1980-81	65,250	4.47	37,630	6.90	27,620	1.17
	1981-82	41,900	8.80	33,400	10.76	8,500	1.08
	1982-83	76,100	4.16	43,250	6.10	32,850	1.61
	1983-84	48,500	8.21	37,550	10.39	10,950	0.75
	1984-85	52,400	9.66	40,400	11.66	12,000	2.92
	1985-86	53,900	6.77	43,600	8.31	10,300	0.25
(All varieties--net weight	1986-87	57,900	7.50	41,700	10.16	16,200	0.64
per box : 75 pounds)	1987-88	59,000	7.77	41,300	10.29	17,700	1.86
	1988-89	58,800	7.45	40,600	10.10	18,200	1.55
ORANGES, NAVEL & MISC.	1979-80	32,600	3.93	21,700	5.40	10,900	1.01
	1980-81	38,750	4.01	24,430	6.30	14,320	0.10
	1981-82	26,500	7.22	21,200	8.88	5,300	0.60
	1982-83	40,200	4.61	27,200	6.24	13,000	1.20
	1983-84	33,700	5.57	25,350	7.28	8,350	0.38
	1984-85	26,200	11.36	23,100	12.54	3,100	2.56
	1985-86	33,000	7.15	26,500	8.90	6,500	0.02
	1986-87	34,500	7.04	26,500	9.20	8,000	-0.12
	1987-88	31,500	7.82	24,900	9.58	6,600	1.20
	1988-89	34,000	7.30	25,900	9.34	8,100	0.79
ORANGES, VALENCIA	1979-80	26,800	3.75	17,780	4.82	9,020	1.65
	1980-81	26,500	5.15	13,200	8.00	13,300	2.32
	1981-82	15,400	11.51	12,200	14.04	3,200	1.88
	1982-83	35,900	3.66	16,050	5.86	19,850	1.88
	1983-84	14,800	14.22	12,200	16.84	2,600	1.92
	1984-85	26,200	7.95	17,300	10.48	8,900	3.04
	1985-86	20,900	6.17	17,100	7.40	3,800	0.64
	1986-87	23,400	8.17	15,200	11.84	8,200	1.38
	1987-88	27,500	7.70	16,400	11.38	11,100	2.26
	1988-89	24,800	7.66	14,700	11.44	10,100	2.16

TABLE 6 --- CALIFORNIA CITRUS FRUITS: SALES BY UTILIZATION & AVERAGE GROWER RETURN PER BOX, 1979-89

CROP	CROP YEAR	ALL SALES		FRESH MARKET		PROCESSING	
		QUANTITY	GROWER RETURN a/	QUANTITY	GROWER RETURN a/	QUANTITY	GROWER RETURN a/
		(000) Boxes	$/Box	(000) Boxes	$/Box	(000) Boxes	$/Box
LEMONS	1979-80	17,700	8.12	9,120	12.00	8,580	3.99
	1980-81	24,300	5.04	9,150	9.12	15,150	2.57
	1981-82	18,500	4.58	7,970	10.58	10,530	0.04
	1982-83	20,300	4.38	9,250	9.36	11,050	0.22
	1983-84	17,250	5.89	9,240	10.90	8,010	0.10
	1984-85	19,800	7.10	9,350	13.24	10,450	1.60
	1985-86	15,100	11.29	9,500	17.02	5,600	1.56
(Net weight per box: 76 pounds)	1986-87	21,500	7.11	10,000	13.38	11,500	1.66
	1987-88	17,000	10.04	10,100	16.32	6,900	0.84
	1988-89	16,200	11.70	10,300	17.92	5,900	0.84
TANGERINES	1979-80	1,650	4.67	785	8.30	865	1.38
	1980-81	1,860	4.08	760	9.10	1,100	0.62
(Including Mandarines	1981-82	1,730	7.93	1,120	11.60	610	1.20
and Mandarin Hybrids,	1982-83	2,150	6.19	1,140	10.80	1,010	0.99
Tangelos and Tangors)	1983-84	1,850	7.34	920	13.50	930	1.25
	1984-85	b/ 1,680	12.62	1,145	17.28	535	2.66
	1985-86	b/ 1,800	12.19	1,270	17.10	530	0.42
(Net weight per box: 75 pounds)	1986-87	b/ 2,230	11.52	1,632	15.24	598	1.38
	1987-88	2,090	15.45	1,524	20.68	566	1.38
	1988-89	2,040	14.15	1,475	18.74	565	2.16

1988-89 CITRUS SALES BY UTILIZATION



SOURCE: TABLE 6, PAGES 18-19

TABLE 7 --- CALIFORNIA CITRUS FRUITS: Grower Returns, Monthly and Season Average Prices (dollars per box), 1979-89

GRAPEFRUIT, DESERT	CROP YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	SEASON AVG.PRICE
Fresh Sales	1979-80	4.64	4.64	5.42	5.02	5.80	5.32	4.54	4.32	5.44	2.32	---	---	4.66
	1980-81	6.16	7.52	8.12	5.50	5.49	6.06	7.36	7.66	8.96	6.36	---	---	7.19
	1981-82	6.11	6.04	8.46	6.76	5.74	4.74	4.64	4.88	5.28	4.18	---	---	5.28
	1982-83	4.32	4.32	3.86	3.58	3.54	4.04	4.02	5.14	5.64	5.04	---	---	4.71
	1983-84	6.18	6.18	6.18	7.18	6.98	5.45	6.68	7.58	6.18	5.98	---	---	6.68
	1984-85	---	10.28	9.88	10.28	9.48	7.96	8.26	9.66	8.56	---	---	---	9.48
	1985-86	---	12.66	11.56	11.36	10.16	9.46	7.28	9.28	8.68	---	---	---	9.86
	1986-87	---	8.48	8.28	7.68	8.08	7.08	7.38	8.58	9.78	9.78	---	---	8.48
	1987-88	---	10.78	8.58	7.58	7.38	7.08	6.78	7.28	7.48	6.98	6.58	---	7.48
	1988-89	---	8.60	6.50	6.00	5.40	6.50	7.30	7.40	4.60	4.40	---	---	6.60
Processing Sales	1979-80	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	---	---	0.68
	1980-81	0.62	0.62	0.62	1.04	1.04	1.04	1.04	1.04	0.86	0.86	---	---	0.97
	1981-82	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	---	---	0.08
	1982-83	0.09	0.09	0.09	0.12	0.12	0.12	0.12	0.12	0.12	0.12	---	---	0.12
	1983-84	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	---	---	-0.08
	1984-85	---	1.06	1.06	1.06	1.06	1.10	1.10	1.10	1.10	---	---	---	1.09
	1985-86	---	0.66	0.66	0.66	0.66	0.66	0.66	0.72	0.72	0.72	---	---	0.70
	1986-87	---	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.88	0.88	---	---	0.90
	1987-88	---	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	---	1.16
	1988-89	---	1.96	1.28	1.02	1.08	0.78	0.66	0.66	1.02	1.10	---	---	0.84
All Sales	1979-80	2.87	2.46	2.39	2.81	2.73	2.48	2.29	2.31	2.62	1.23	---	---	2.33
	1980-81	4.21	4.82	5.13	3.74	3.87	4.20	4.38	4.49	4.43	3.61	---	---	4.34
	1981-82	4.37	4.98	6.00	4.63	3.56	2.53	2.45	2.69	2.79	2.59	---	---	3.02
	1982-83	3.09	3.32	2.81	2.56	2.34	2.64	2.49	2.93	3.19	2.32	---	---	2.83
	1983-84	4.75	4.80	5.03	5.52	5.37	4.03	3.94	4.67	2.75	2.06	---	---	4.01
	1984-85	---	8.94	9.18	8.96	6.82	7.65	4.17	5.98	5.24	---	---	---	6.83
	1985-86	---	11.09	9.54	9.52	7.45	6.79	5.23	5.83	5.24	0.72	---	---	6.81
	1986-87	---	7.70	6.90	7.16	6.03	5.38	4.96	5.42	5.04	2.36	---	---	5.48
	1987-88	---	10.18	7.84	6.20	6.45	5.90	5.06	5.26	4.84	2.17	2.06	---	5.07
	1988-89	---	7.83	5.80	4.95	4.50	5.38	5.16	4.76	3.43	2.86	---	---	4.92

GRAPEFRUIT, OTHER AREAS	CROP YEAR	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	SEASON AVG.PRICE
Fresh Sales	1979-80	6.67	6.67	6.67	7.12	6.32	6.52	6.52	---	5.22	5.20	5.91	5.34	6.66
	1980-81	5.44	6.45	6.00	9.80	8.70	7.50	7.90	5.34	---	---	---	---	8.03
	1981-82	5.74	5.74	5.14	6.94	7.14	4.44	4.14	3.74	---	---	---	---	5.28
	1982-83	---	---	---	7.04	6.64	6.04	6.14	6.14	---	---	---	---	6.34
	1983-84	---	---	4.81	7.32	6.62	6.12	6.92	7.22	---	---	---	---	6.72
	1984-85	6.46	7.66	9.16	10.06	10.36	10.06	10.36	9.66	---	---	---	---	9.86
	1985-86	11.96	6.76	9.30	10.80	10.20	10.10	10.90	---	---	---	---	---	10.32
	1986-87	11.90	7.20	9.70	10.94	10.34	8.14	9.34	9.04	---	---	23.74	13.24	9.66
	1987-88	4.94	4.74	9.24	8.94	10.14	9.94	10.44	9.44	---	25.50	19.70	7.70	9.94
	1988-89	4.63	4.80	12.50	9.80	11.00	10.70	---	---	---	---	---	---	10.80
Processing Sales	1979-80	0.62	0.62	0.62	0.62	0.62	0.62	0.62	---	0.62	0.62	0.62	0.62	0.62
	1980-81	0.62	0.62	0.62	0.56	0.56	0.56	0.56	---	---	---	---	---	0.57
	1981-82	---	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	---	---	---	---	-0.02
	1982-83	---	---	0.04	0.04	0.04	0.04	0.04	0.04	---	---	---	---	0.04
	1983-84	---	---	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	---	---	---	---	-0.16
	1984-85	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	---	---	---	---	1.06
	1985-86	---	0.62	0.60	0.60	0.60	0.60	0.60	---	---	---	---	---	0.60
	1986-87	0.80	0.80	0.80	0.72	0.72	0.72	0.72	0.72	---	---	---	---	0.73
	1987-88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	---	---	1.02	1.02	1.00
	1988-89	0.74	0.60	0.64	1.14	1.18	1.15	---	---	---	---	---	---	1.10
All Sales	1979-80	3.90	3.89	3.99	4.13	3.44	3.41	3.48	---	2.59	3.37	4.28	3.32	3.77
	1980-81	2.92	3.03	2.27	5.21	5.64	4.40	7.03	5.34	---	---	---	---	4.85
	1981-82	5.74	2.86	2.24	3.12	4.96	2.72	2.78	2.85	---	---	---	---	3.41
	1982-83	---	---	0.04	3.65	4.43	4.10	3.92	3.77	---	---	---	---	3.98
	1983-84	---	---	1.50	4.97	4.21	3.85	4.80	5.27	---	---	---	---	4.43
	1984-85	5.79	5.30	6.85	6.91	7.78	7.36	9.20	5.93	---	---	---	---	7.40
	1985-86	11.96	4.23	4.65	9.01	7.46	7.46	9.37	---	---	---	---	---	7.73
	1986-87	8.20	5.78	6.30	7.11	7.16	5.96	5.85	6.70	---	---	23.74	13.24	6.53
	1987-88	4.15	3.49	5.94	7.44	7.51	7.27	6.64	6.70	---	25.50	16.59	5.47	7.20
	1988-89	2.04	2.28	7.03	6.91	7.41	7.01	---	---	---	---	---	---	7.11

TABLE 7 --- CALIFORNIA CITRUS FRUITS: Grower Returns, Monthly and Season Average Prices (dollars per box), 1979-89

ORANGES, NAVEL & MISC.	CROP YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	SEASON AVG.PRICE
Fresh Sales	1979-80	6.40	7.00	6.10	5.12	5.11	5.90	4.96	4.38	3.22	---	---	---	5.40
	1980-81	10.70	9.50	7.50	6.80	6.70	6.00	5.34	4.56	5.12	5.22	3.52	---	6.30
	1981-82	10.28	7.18	8.38	9.08	9.38	9.08	9.68	9.78	---	---	---	---	8.88
	1982-83	22.64	11.54	8.04	6.04	5.64	5.74	5.24	4.42	4.14	2.72	---	---	6.24
	1983-84	---	9.48	7.98	7.98	6.88	6.28	6.58	7.58	---	---	---	---	7.28
	1984-85	17.24	13.74	13.14	13.34	12.14	10.74	11.94	16.14	---	---	---	---	12.54
	1985-86	14.10	10.90	10.60	9.50	8.10	8.30	7.60	7.40	6.50	---	---	---	8.90
	1986-87	12.00	11.20	9.50	9.30	8.70	8.40	7.90	9.60	10.40	---	---	---	9.20
	1987-88	25.68	13.88	8.88	9.58	8.38	8.08	8.48	12.48	7.08	---	---	---	9.58
	1988-89	---	14.54	11.34	8.84	7.94	8.24	8.34	10.34	9.74	---	---	---	9.34
Processing Sales	1979-80	---	1.10	1.08	1.00	1.00	1.00	1.00	1.00	1.00	1.00	---	---	1.01
	1980-81	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	---	0.10
	1981-82	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	---	---	---	---	0.60
	1982-83	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	---	1.20
	1983-84	---	0.38	0.38	0.38	0.38	0.38	0.38	0.38	---	---	---	---	0.38
	1984-85	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	---	---	---	---	2.56
	1985-86	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	---	---	---	0.02
	1986-87	-0.12	-0.12	-0.12	-0.12	-0.12	-0.12	-0.12	-0.12	-0.12	---	---	---	-0.12
	1987-88	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	---	---	---	1.20
	1988-89	---	0.41	1.08	0.27	0.47	0.84	1.07	1.48	1.44	---	---	---	0.79
All Sales	1979-80	6.40	6.31	5.40	4.30	3.91	4.13	3.23	2.71	1.68	1.00	---	---	3.93
	1980-81	8.05	7.09	5.87	5.12	4.70	3.89	2.89	2.53	2.56	1.73	0.78	---	4.01
	1981-82	8.27	6.01	7.05	7.80	7.49	7.08	7.58	7.81	---	---	---	---	7.22
	1982-83	21.75	10.08	6.84	4.95	4.30	4.24	3.71	3.07	2.58	1.41	1.20	---	4.61
	1983-84	---	8.15	6.95	6.58	5.21	4.46	4.49	5.23	---	---	---	---	5.57
	1984-85	16.06	12.86	12.31	12.10	10.38	9.70	11.04	14.39	---	---	---	---	11.36
	1985-86	9.41	9.71	9.52	7.99	6.73	6.54	5.25	5.34	4.07	---	---	---	7.15
	1986-87	9.76	9.59	8.09	7.42	6.40	6.22	5.58	6.58	5.89	---	---	---	7.04
	1987-88	23.58	12.99	7.92	7.92	6.77	6.34	6.51	8.90	5.12	---	---	---	7.82
	1988-89	---	11.84	9.83	6.94	5.97	6.19	6.51	8.00	6.97	---	---	---	7.30

ORANGES, VALENCIA	CROP YEAR	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	SEASON AVG.PRICE
Fresh Sales	1979-80	6.80	8.00	4.77	4.67	4.81	4.82	4.82	4.80	4.80	4.80	4.80	---	4.82
	1980-81	5.10	7.40	7.40	8.10	8.70	9.30	7.80	7.60	6.40	5.30	4.34	---	8.00
	1981-82	8.44	9.14	10.40	12.74	13.04	14.24	15.84	23.84	24.14	---	---	---	14.04
	1982-83	5.96	6.56	7.46	6.56	6.36	6.86	6.36	5.26	4.36	4.76	4.86	3.86	5.86
	1983-84	9.24	10.54	11.54	15.34	17.24	17.34	18.14	19.24	19.64	19.14	---	---	16.84
	1984-85	15.38	13.28	11.28	11.88	11.38	10.78	10.28	9.88	8.38	7.58	---	---	10.48
	1985-86	6.60	5.60	6.40	7.90	6.90	6.90	7.20	7.90	8.30	8.00	---	---	7.40
	1986-87	---	9.84	10.84	11.34	11.74	12.14	10.14	12.74	13.94	12.14	---	---	11.84
	1987-88	---	12.48	13.78	14.38	13.68	11.38	10.58	10.98	7.18	5.68	---	---	11.38
	1988-89	---	13.44	11.44	11.04	11.54	12.14	11.64	11.84	10.24	9.24	---	---	11.44
Processing Sales	1979-80	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	---	1.65
	1980-81	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	---	2.32
	1981-82	1.88	1.88	1.88	1.88	1.88	1.88	1.98	1.88	1.88	---	---	---	1.88
	1982-83	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88
	1983-84	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	---	---	1.92
	1984-85	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	---	---	3.04
	1985-86	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	---	---	0.64
	1986-87	---	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	---	---	1.38
	1987-88	---	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	---	---	2.26
	1988-89	---	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	---	---	2.16
All Sales	1979-80	5.51	6.05	3.88	3.74	3.74	3.69	3.64	3.79	3.81	3.39	3.22	---	3.75
	1980-81	4.40	5.61	5.20	5.84	6.12	6.00	4.78	4.85	4.04	3.37	2.72	---	5.15
	1981-82	6.05	6.59	7.94	10.51	10.58	11.56	13.52	21.21	21.99	---	---	---	11.51
	1982-83	4.60	4.22	4.89	4.50	4.47	4.32	3.99	3.34	2.74	2.75	2.42	3.20	3.66
	1983-84	7.61	7.39	9.03	13.39	14.51	14.67	15.00	16.41	17.32	16.89	---	---	14.22
	1984-85	12.01	10.58	9.36	9.78	8.64	7.91	7.21	7.50	6.46	5.64	---	---	7.95
	1985-86	5.41	5.07	5.69	6.81	5.93	5.40	5.71	6.39	7.29	7.70	---	---	6.17
	1986-87	---	6.91	6.97	8.17	7.94	7.75	7.11	9.13	10.26	7.84	---	---	8.17
	1987-88	---	9.93	10.61	11.27	9.92	8.25	7.20	7.32	4.59	3.49	---	---	7.70
	1988-89	---	9.68	7.49	7.95	7.86	8.32	7.58	7.81	6.57	5.79	---	---	7.66

TABLE 7 --- CALIFORNIA CITRUS FRUITS: Grower Returns, Monthly and Season Average Prices (dollars per box), 1979-89

LEMONS, ALL	CROP YEAR	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	SEASON AVG.PRICE
Fresh Sales	1979-80	30.40	19.40	16.60	11.30	9.70	5.90	7.20	7.50	8.10	8.10	9.10	16.80	12.00
	1980-81	17.60	13.20	13.20	9.42	6.22	5.22	4.62	5.22	6.32	6.62	8.52	15.52	9.12
	1981-82	16.48	17.48	7.98	4.98	6.28	5.98	4.78	6.28	9.18	12.38	11.18	17.68	10.58
	1982-83	15.76	15.96	10.86	7.96	6.96	5.16	5.16	5.86	6.16	6.86	10.46	17.06	9.36
	1983-84	14.90	15.00	13.10	6.30	5.20	4.40	4.50	5.50	7.20	12.50	20.10	18.70	10.90
	1984-85	19.24	20.04	12.54	8.14	8.84	9.04	8.14	8.54	9.34	12.64	17.14	23.44	13.24
	1985-86	36.82	38.82	30.02	19.52	15.82	14.82	11.42	10.52	11.42	11.02	15.72	17.02	17.02
	1986-87	10.88	6.58	10.28	11.48	11.08	11.08	12.18	13.78	13.38	13.28	16.38	19.98	13.38
	1987-88	22.42	21.32	16.02	12.62	10.62	9.52	10.82	13.72	14.42	15.92	19.92	22.12	16.32
	1988-89	24.62	21.72	16.82	14.02	11.92	11.72	13.22	14.82	15.92	18.62	21.62	22.82	17.92
Processing Sales	1979-80	1.30	1.30	3.08	3.05	3.05	3.20	3.20	4.34	4.34	4.34	4.34	4.34	3.99
	1980-81	4.44	4.44	2.38	2.54	2.54	2.54	2.54	2.54	2.54	2.54	1.98	1.98	2.57
	1981-82	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
	1982-83	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
	1983-84	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
	1984-85	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
	1985-86	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56
	1986-87	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66
	1987-88	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
	1988-89	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
All Sales	1979-80	26.81	14.95	12.72	8.42	6.90	4.84	5.07	5.49	5.61	6.07	7.03	12.34	8.12
	1980-81	11.89	8.47	6.63	5.20	3.79	3.43	3.12	3.41	3.68	3.91	4.78	9.79	5.04
	1981-82	10.24	9.88	3.11	1.54	1.88	2.10	1.38	2.84	4.15	5.51	5.89	10.41	4.58
	1982-83	9.66	9.39	4.79	3.73	3.34	2.30	2.24	2.74	2.24	2.61	5.83	10.43	4.38
	1983-84	9.18	8.80	7.65	3.42	2.57	1.86	1.72	2.54	3.83	7.86	14.26	13.89	5.89
	1984-85	14.77	12.93	6.97	4.53	5.45	4.75	4.09	4.39	4.40	6.82	10.13	14.75	7.10
	1985-86	24.83	25.00	21.14	13.83	10.90	9.89	7.75	7.10	7.25	7.30	10.62	11.66	11.29
	1986-87	6.90	4.00	5.88	5.41	4.80	5.20	5.82	6.22	6.28	7.85	11.42	13.60	7.11
	1987-88	15.14	11.82	10.62	6.87	5.62	4.52	5.15	8.80	9.46	10.92	14.97	16.30	10.04
	1988-89	18.72	12.83	11.15	7.81	6.83	7.06	7.27	8.20	10.16	14.28	17.62	18.13	11.70

TANGERINES, ALL	CROP YEAR	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	SEASON AVG.PRICE
Fresh Sales	1979-80	16.80	11.50	7.00	4.50	5.70	5.20	4.90	---	---	---	---	---	8.30
	1980-81	12.60	11.90	10.40	9.40	6.50	7.10	7.70	---	---	---	---	---	9.10
	1981-82	15.50	14.40	11.30	8.80	9.70	9.80	---	---	---	---	---	---	11.60
	1982-83	12.20	12.20	9.50	10.80	10.40	10.40	11.00	11.10	---	---	---	---	10.80
	1983-84	17.80	17.80	15.90	14.50	10.70	10.20	10.60	7.70	7.70	---	---	---	13.50
	1984-85	23.78	22.18	20.18	19.48	13.28	11.98	15.48	9.88	9.88	---	---	---	17.28
	1985-86	27.80	23.80	17.70	19.70	11.90	12.80	14.70	4.80	---	---	---	---	17.10
	1986-87	26.94	17.34	14.34	15.84	13.44	11.84	14.64	---	---	---	---	---	15.24
	1987-88	41.78	27.98	14.68	20.68	20.18	19.78	11.58	11.58	11.58	---	---	---	20.68
	1988-89	30.04	22.94	18.84	19.34	16.94	12.94	13.34	13.34	---	---	---	---	18.74
Processing Sales	1979-80	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	---	---	---	---	1.38
	1980-81	0.62	0.62	0.62	0.62	0.62	0.62	0.62	---	---	---	---	---	0.62
	1981-82	1.20	1.20	1.20	1.20	1.20	1.20	---	---	---	---	---	---	1.20
	1982-83	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	---	---	---	---	0.99
	1983-84	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	---	---	---	1.25
	1984-85	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	---	---	---	2.66
	1985-86	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	---	---	---	---	0.42
	1986-87	1.38	1.38	1.38	1.38	1.38	1.38	1.38	---	---	---	---	---	1.38
	1987-88	---	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	---	---	---	1.38
	1988-89	---	2.16	2.16	2.16	2.16	2.16	2.16	2.16	---	---	---	---	2.16
All Sales	1979-80	13.06	7.45	4.31	2.87	2.80	2.26	1.97	1.38	---	---	---	---	4.67
	1980-81	5.52	5.25	4.58	4.21	3.01	3.27	3.57	---	---	---	---	---	4.08
	1981-82	10.40	9.68	7.78	6.13	6.69	6.93	---	---	---	---	---	---	7.93
	1982-83	6.88	6.88	5.42	6.19	6.03	5.89	6.27	7.73	---	---	---	---	6.19
	1983-84	11.18	10.86	7.85	8.10	5.33	5.85	6.86	5.01	4.48	---	---	---	7.34
	1984-85	18.50	17.69	15.95	15.43	8.98	8.05	10.63	6.99	7.10	---	---	---	12.62
	1985-86	23.01	15.22	14.55	13.80	8.16	8.64	8.79	3.34	---	---	---	---	12.19
	1986-87	21.17	13.22	13.49	12.34	8.75	7.78	11.04	---	---	---	---	---	11.52
	1987-88	41.78	25.91	14.45	17.45	12.50	8.60	4.50	3.93	3.47	---	---	---	15.45
	1988-89	30.04	19.48	17.60	14.86	11.10	9.17	5.62	5.21	---	---	---	---	14.15

TABLE 8 --- CALIFORNIA RAISINS: PRODUCTION and AVERAGE GROWER RETURNS, BY VARIETY, 1980-89

RAISINS a/	CROP YEAR	ALL VARIETIES	NATURAL DRIED				DEHYDRATED ALL TYPES
			THOMPSON SEEDLESS	MUSCATS	SULTANAS	ZANTE CURRANT	
		-- Tons --	Tons				-- Tons --
PRODUCTION	1980	309,000	251,600	1,600	500	3,300	52,000
	1981	256,000	230,070	810	420	3,700	21,000
	1982	292,000	250,910	370	450	3,270	37,000
	1983	396,000	365,300	950	500	3,250	26,000
	1984	334,500	308,050	550	400	3,000	22,500
	1985	346,000	308,400	800	500	3,600	32,700
	1986	277,000	247,750	600	350	3,300	25,000
	1987	356,000	325,900	400	300	3,000	26,400
	1988	363,000	329,600	300	300	4,100	28,700
	1989	442,000	01/91	01/91	01/91	01/91	01/91
		Dollars/Ton	Dollars/Ton				Dollars/Ton
AVERAGE GROWER RETURNS	1980	1,198.00	1,200.00	800.00	1,007.00	1,160.00	1,200.00
	1981	1,315.00	1,320.00	950.00	1,034.00	1,240.00	1,287.00
	1982	1,150.00	1,145.00	1,000.00	1,165.00	1,285.00	1,210.00
	1983	587.00	555.00	900.00	700.00	1,175.00	953.00
	1984	635.00	629.00	775.00	520.00	522.00	749.00
	1985	612.00	598.00	500.00	550.00	585.00	750.00
	1986	757.00	744.00	495.00	650.00	770.00	900.00
	1987	817.00	809.00	600.00	640.00	910.00	910.00
	1988	898.00	890.00	473.00	750.00	983.00	985.00
	1989	920.00	01/91	01/91	01/91	01/91	01/91

TABLE 9 --- CALIFORNIA OLIVES: PROCESSED and AVERAGE GROWER RETURNS, BY VARIETY, 1980-89

OLIVES	CROP YEAR	MANZANILLO & MISSION	SEVILLANO	ASCOLANO	OTHER VARIETIES	TOTAL PROCESSING
		-- Tons --	-- Tons --	-- Tons --	-- Tons --	-- Tons --
QUANTITY PROCESSED	1980	75,900	27,400	5,100	300	108,700
	1981	27,400	14,000	2,500	700	44,600
	1982	114,300	23,400	7,800	500	146,000
	1983	41,000	14,500	4,500	600	60,600
	1984	62,200	22,700	4,800	500	90,200
	1985	61,100	27,300	6,000	1,100	95,500
	1986	85,100	18,100	7,400	400	111,000
	1987	48,500	14,200	3,500	800	67,000
	1988	62,700	16,500	7,200	600	87,000
	1989	83,000	32,000	6,300	1,200	122,500

		MANZANILLO & MISSION		SEVILLANO		ASCOLANO		OTHER VARIETIES		TOTAL PROCESSING	
		Grower Return $/Ton	Price $/Ton	Grower Return $/Ton	Price $/Ton	Grower Return $/Ton	Price $/Ton	Grower Return $/Ton	Price $/Ton	Grower Return $/Ton	Price $/Ton
AVERAGE GROWER RETURNS and PRICE PER TON	1980									359	368
	1981									686	696
	1982									501	511
	1983	a/	a/	a/	a/	a/	a/	a/	a/	518	524
	1984	565	572	496	503	623	630	445	452	550	557
	1985	576	583	504	511	646	653	503	510	559	566
	1986	587	594	558	565	664	671	522	529	587	594
	1987	631	638	543	550	607	614	458	465	609	616
	1988	604	611	492	499	574	581	532	539	580	587
	1989	555	564	462	471	539	548	566	575	530	539

TABLE 10 --- CALIFORNIA NONCITRUS FRUITS: UNUTILIZED PRODUCTION, 1980-89 a/

CROP	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	--- UNHARVESTED TONS ---									
APPLES	---	10,000	---	---	10,000	25,000	---	---	---	---
APRICOTS	---	---	---	---	---	---	---	8,000	8,000	4,000
GRAPES	---	---	280,000	---	---	---	450,000	---	---	---
PEARS, BARTLETTS	---	---	---	---	12,500	---	---	---	---	---
PEACHES, CLINGSTONE	---	---	25,500	---	---	---	---	---	---	---
	--- HARVESTED NOT SOLD TONS ---									
GRAPES	---	---	410,000	144,000	14,000	---	---	---	---	---
KIWIFRUIT	1,100	1,400	4,000	2,000	1,400	1,500	900	2,400	3,200	1,800
PEACHES, CLINGSTONE	56,500	48,000	54,000	32,000	38,000	33,750	29,750	35,000	37,000	32,500
POMEGRANATES	1,000	1,700	1,600	1,100	1,000	2,000	2,600	2,000	2,000	1,000

FOOTNOTES

TABLE 1

a/ Price and value estimates for citrus fruit are based on equivalent packinghouse door returns. Noncitrus fruits and nuts are based on equivalent returns at the processing plant door for "processing" utilization and returns at first delivery point for "fresh market" utilization.
b/ Includes apples, apricots, cherries, kiwifruit, nectarines, peaches, pears, plums, pomegranates, and prunes.
c/ Includes raisin, table, and wine varieties.
d/ Includes almonds, pistachios, walnuts, and pecans beginning in 1987. Includes almonds on a meat basis with pecans, pistachios and walnuts on an in-shell basis.
e/ Includes avocados, dates, figs, and olives.
f/ Includes grapefruit, lemons, oranges, tangerines, tangelos, and tangors.
g/ Beginning in 1987, the total includes miscellaneous crops. These crops are almond hulls, black walnuts, jojobas, limes, and persimmons. Acres exclude almond hulls.
h/ Value for figs, pomegranates, prunes, and walnuts was estimated.

TABLE 2

a/ Equivalent return at first delivery point.
b/ Return at processing plant door or packinghouse door.
c/ In 1985, 30,000 acres of raisin type grapes were enrolled in the California Raisin Industry Diversion (RID) program; in 1986, 50,000 acres were enrolled in RID; in 1987, 15,000 acres were enrolled in RID; in 1988, 25,000 acres were enrolled in RID. These acres were deducted from bearing acres before calculating yield.
d/ Raisin type production is the fresh equivalent of dried and not dried.

TABLE 3

a/ Season average prices for all grapefruit are derived by weighting the season average prices for each area by their box weights.
b/ Nonbearing acres by area is not available prior to 1981-82.
c/ Beginning 1984-85, value of production is based on packinghouse door (PHD) instead of freight on board (FOB).

TABLE 4

a/ Price and value are based on the edible portion of the crop only. Included in production are inedible quantities of no value as follows: 1982--16.0 million pounds, 1983--21.0 million pounds, 1984--13.5 million pounds, 1985--14.3 million pounds, 1986--9.8 million pounds, 1987--12.0 million pounds, 1988--18.5 million pounds, 1989 -- 19.2 million pounds.
b/ Pecan production data begins with the 1987 crop.

FOOTNOTES - Continued

TABLE 5

a/ Processed fruit included in fresh market total to avoid disclosure of individual operations.
b/ Total processed includes canned, crushed, frozen, and brined.
c/ For 1980-85, fresh prices include processing but not dried. For 1986-89, prices for processing and fresh totals were not published to avoid disclosure of individual operations. Small quantities processed included in fresh to avoid disclosure of individual operations.
d/ Includes substandard raisins diverted to other uses.
e/ Processed and fresh fruit not published to avoid disclosure of individual operations but included in total utilized.
f/ Limited and undersized are reported in "frozen" column.
g/ Small amounts of pickled and crushed included in canned.
h/ Processed mostly canned, but includes small quantities dried and other uses not published separately to avoid disclosure of individual operations.

TABLE 6

a/ Equivalent packinghouse door returns.
b/ Price per box revised due to changes in cost from FOB to PHD.

TABLE 8

a/ Excludes raisins produced from table type grapes.

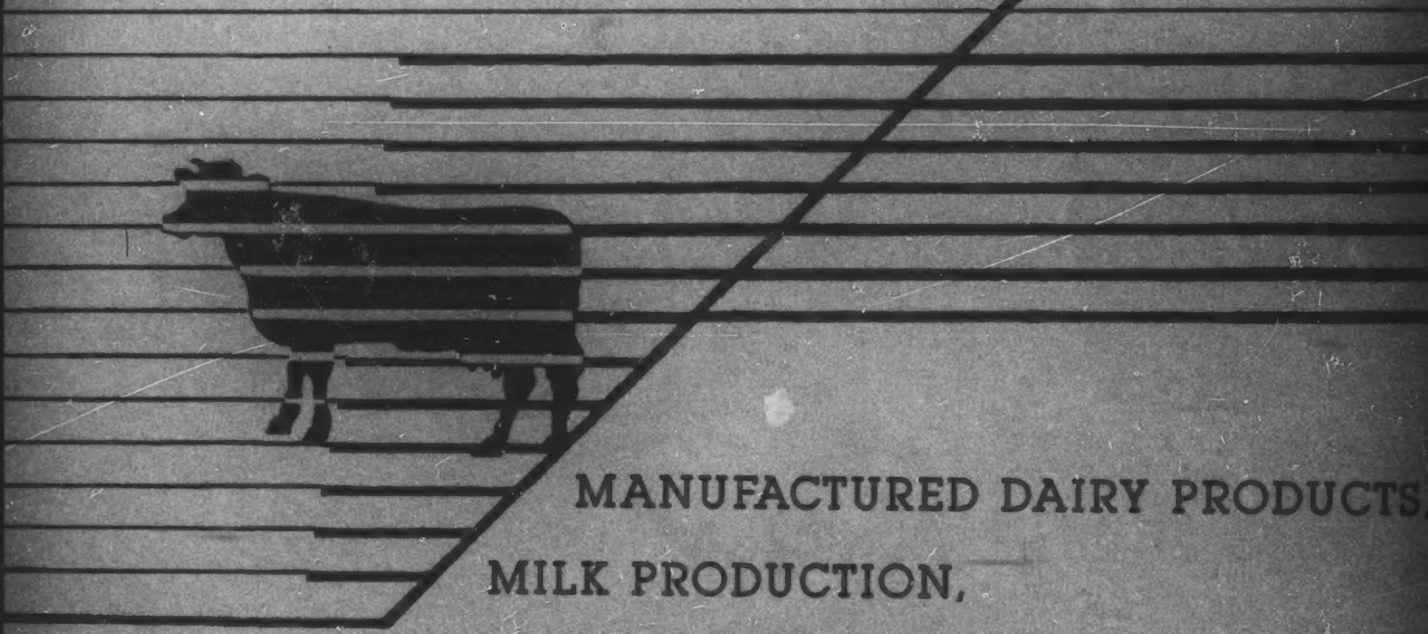
TABLE 9

a/ Prices are not available prior to 1984.

S0850-1.6-U

CALIFORNIA
DAIRY INDUSTRY
STATISTICS

1989



MANUFACTURED DAIRY PRODUCTS
MILK PRODUCTION,
UTILIZATION AND PRICES

STATE OF CALIFORNIA
George Deukmejian, Governor

DEPARTMENT OF FOOD AND AGRICULTURE
SACRAMENTO
Henry J. Voss, Director

Cooperating with
UNITED STATES DEPARTMENT OF AGRICULTURE
Washington, D.C.
Clayton Yeutter, Secretary

NATIONAL AGRICULTURAL STATISTICS SERVICE
Charles E. Caudill, Administrator

CALIFORNIA AGRICULTURAL STATISTICS SERVICE
JAMES TIPPETT, State Statistician

This Bulletin was Prepared in the
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE
Division of Marketing Services
Milk Stabilization Branch
DAVID K. IKARI, Chief

by

ELTON O. BROOKS
Senior Agricultural Economist

TABLE OF CONTENTS

Page

FOREWORD 5

MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM MARKETINGS

Table 1. Estimated Number of Milk Cows on Farms, Average Production per Milk Cow, Total Production on Farms, and Cash Receipts from Farm Marketings of Dairy Products, California, 1971-1989 6

Table 2. Estimated Number of Milk Cows on Farms, Average Production per Milk Cow, Total Production on Farms, and Cash Receipts from Farm Marketings of Dairy Products, United States, 1971-1989 7

Table 3. Estimated Number of Milk Cows on Farms, Average Production per Milk Cow, Total Production on Farms, and Cash Receipts from Farm Marketings of Dairy Products, by States, 1989 8

Table 4. Number of Milk Cows and Heifers that have Calved on Farms in California, by Counties and Districts, 1989 and 1990 9

COMMERCIAL PRODUCTION

Table 5. Average Milk Fat Test and Commercial Production of Milk Fat and Whole Milk in California, by Years, 1973-1989 11

Table 6. Commercial Production of Milk, Milk Fat and Average Milk Fat Test in California, by Counties and Districts, 1989 12

Table 7. Commercial Production of All Milk in California, by Counties and Districts, 1989 13

Table 8. Commercial Production of Market Milk in California, by Counties and Districts, 1989 15

Table 9. Commercial Production of Manufacturing Milk in California, by Counties and Districts, 1989 17

Table 10. Commercial Production of All Milk Fat in California, by Counties and Districts, 1989 19

Table 11. Commercial Production of Market Milk Fat in California, by Counties and Districts, 1989 21

Table 12. Commercial Production of Manufacturing Milk Fat in California, by Counties and Districts, 1989 23

AVERAGE PRICES PAID PRODUCERS

Table 13. Average Prices Paid Producers in California for All Whole Milk, by Months, 1979-1989 26

Table 14. Average Prices Paid Producers in California for Market Milk, by Months, 1979-1989 26

Table 15. Average Prices Paid Producers in California for Manufacturing Milk, by Months, 1979-1989 26

UTILIZATION OF COMMERCIAL PRODUCTION

Table 16. Estimated Utilization of California's Commercial Milk Fat Production in Selected Dairy Products, by Years, 1969-1989 27

Table 17. Commercial Production and Usage of Milk in California, by Years, 1972-1989 28

Table 18. Commercial Production and Usage of Market Milk Fat and Market Skim Milk in California, by Years, 1972-1989 28

Table 19. Commercial Production of Milk Fat and Skim Milk in California Available for Manufacture, by Years, 1972-1989 29

Table 20. Sales of California Class 1 Market Milk Products, by Months, 1989 30

TABLE OF CONTENTS--Continued

Page

Table 21. Production of Selected Mandatory Class 2 Products and Usage of Market Milk Fat In These Products in California, by Months, 1989 31

Table 22. Utilization of Market and Manufacturing Milk Production in California, by Months, 1988-1989 32

Table 23. Utilization of Market and Manufacturing Milk Fat Production in California, by Months, 1988-1989 33

Table 24. Utilization of Market and Manufacturing Skim Milk Production in California, by Months, 1988-1989 34

SALES OF CLASS 1 MARKET MILK PRODUCTS

Table 25. Sales of California Class 1 Market Milk Products in California, by Years, 1972-1989 36

Table 26. Class 1 Sales of Selected Fluid Market Milk Products in California, by Marketing Areas, 1989 37

Table 27. Class 1 Sales of Selected Market Milk Products in California, by Marketing Areas, by Months, 1989 37

Table 28. Total Sales of Market Whole Milk and Lowfat Milk in California, by Marketing Areas, 1989 38

Table 29. Sales of Market Whole Milk and Lowfat Milk in California, by Marketing Areas, 1989 38

Table 30. Sales of Market Whole Milk and Lowfat Milk in California to the Federal Government, by Marketing Areas, 1989 39

Table 31. Sales of Market Whole Milk in California, by Marketing Areas, 1989 39

Table 32. Sales of Lowfat Market Milk in California, by Marketing Areas, 1989 40

Table 33. Sales of Market Skim Milk in California, by Marketing Areas, 1989 40

Table 34. Sales of Half-and-Half in California, by Marketing Areas, 1989 41

Table 35. Sales of Class 1 Yogurt in California, 1978-1989 41

Table 36. Sales of Market Whole Milk and Lowfat Milk in California by Type of Trade, 1972-1989 42

Table 37. Sales of Market Whole Milk and Lowfat Milk in California Marketing Areas, by Type of Trade, 1989 43

Table 38. Wholesale Sales of Market Whole Milk and Lowfat Milk in California, by Marketing Areas, 1989 43

Table 39. Retail Home-Delivered Sales of Market Whole Milk and Lowfat Milk in California, by Marketing Areas, 1989 44

Table 40. Cash-and-Carry Sales of Market Whole Milk and Lowfat Milk in California, by Marketing Areas, 1989 44

Table 41. Peddler Sales of Market Whole Milk and Lowfat Milk in California, by Marketing Areas, 1989 44

MANUFACTURE OF DAIRY PRODUCTS

Table 42. Manufacture of Butter in California, by Months, 1979-1989 46

Table 43. Manufacture of Cheese in California, by Months, 1979-1989 46

Table 44. Manufacture of Whole Milk Cheese in California, by Months, 1979-1989 47

Table 45. Manufacture of Part-Skim and Full-Skim Cheese in California, by Months, 1979-1989 47

TABLE OF CONTENTS--Continued

Page

Table 46. Manufacture of Cheese in California, by Varieties, 1979-1989 48

Table 47. Manufacture of Dry Curd Cottage Cheese in California, by Months, 1979-1989 48

Table 48. Manufacture of Lowfat Cottage Cheese in California, by Months, 1979-1989 49

Table 49. Manufacture of Cottage Cheese in California, by Months, 1979-1989 49

Table 50. Manufacture of Cottage Cheese and Lowfat Cottage Cheese in California, by Months, 1979-1989 50

Table 51. Manufacture of Unsweetened Condensed Skim Milk in California, by Months, 1979-1989 50

Table 52. Manufacture of Nonfat-Dry-Milk in California for Human Consumption, by Months, 1979-1989 51

Table 53. Manufacture of Nonfat-Dry-Milk in California for Animal Feed, by Months, 1979-1989 51

Table 54. Manufacture of Buttermilk in California, by Months, 1979-1989 52

Table 55. Manufacture of Ice Cream in California, by Months, 1979-1989 52

Table 56. Manufacture of Ice Milk in California, by Months, 1979-1989 53

Table 57. Manufacture of Sherbet in California, by Months, 1979-1989 53

Table 58. Manufacture of Imitation Ice Cream in California, by Months, 1979-1989 54

Table 59. Manufacture of Imitation Ice Milk in California, by Months, 1979-1989 54

Table 60. Manufacture of Imitation Ice Cream and Imitation Ice Milk in California, by Months, 1979-1989 55

Table 61. Manufacture of Ice Cream, Ice Milk, Sherbet, Imitation Ice Cream and Imitation Ice Milk in California, by Months, 1979-1989 55

CONSUMPTION AND MANUFACTURE PER CAPITA OF DAIRY PRODUCTS

Table 62. Estimated Consumption and Manufacture per Capita of Selected Dairy Products in California, by Years, 1972-1989 56

MINIMUM PRICES

Table 63. Minimum Producer Prices in California for Market Milk Used to Produce Class 1 Products, by Marketing Areas, 1989 58

Table 64. Minimum Producer Prices in California for Milk Fat Used to Produce Class 2, 3, 4a, and 4b Products, by Marketing Areas, 1989 59

Table 65. Minimum Producer Prices in California for Solids-Not-Fat Used to Produce Class 2, 3, 4a, and 4b Products, by Marketing Areas, 1989 59

Table 66. Minimum Producer Prices in California for Market Milk Used to Produce Class 2, 3, 4a, and 4b Products, by Marketing Areas, 1989 60

SALES OF MARKET WHOLE MILK AND LOWFAT MILK BY SIZE AND TYPE OF CONTAINER, AND BY TYPE OF TRADE

Table 67. Reported Sales of Market Whole Milk and Lowfat Milk in California, by Type of Trade and Container Characteristics, October 1989 62

PLANTS REPORTING SALES OF FLUID MARKET MILK

Table 68. Number of Plants in California Reporting Sales of Fluid Market Milk During December, by Counties of Plant Location, 1979-1989 63

FOREWORD

This is the forty-sixth annual report on Dairy Industry statistics issued as a cooperative effort of the Agricultural Statistics Service and the Milk Stabilization Branches of the California Department of Food and Agriculture. It contains, for the year 1989, a summary of statistical data which was originally published monthly in the "Dairy Information Bulletin". Comparative figures for earlier years, and selected special reports relating to the Dairy Industry are also presented. All changes from previously published data represent either corrections of errors or revisions based on receipt of more complete information.

Most of the statistical data contained in this bulletin is based on reports filed by individuals and firms engaged in the production, manufacture, and distribution of milk and dairy products in California. Although it is not possible to list all of these reporters individually, their cooperation is acknowledged with appreciation.

Data pertaining to the United States and to states other than California were secured from selected reports of the United States Department of Agriculture. Estimates of the population of California were obtained from various reports of the California Department of Finance.

MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM MARKETINGS

On January 1, 1990 there were an estimated 1,115 thousand milk cows and heifers that had calved on dairy farms in California. This was 20 thousand more than were estimated for January 1, 1989. The estimated number of cows milked during the year 1989 was 1,104 thousand. As a comparison, an average of 1,083 thousand head were milked during the year 1988.

The average production of milk per cow in California during the year 1989 was 17,530 pounds. This was 349 pounds more than 1988. Total milk production during 1989 was 19,353 million pounds, 4.0 percent more than 1988 production.

Cash receipts from farm marketings of milk and cream in California during 1989 totaled approximately 2,431 million dollars. The comparable figure for 1988 was 2,072 million dollars. The combination of an increase in the annual average number of cows milked and an increase in average production per cow resulted in record milk production in California during 1989. The production increase in combination with generally higher producer prices in 1989 resulted in an increase in total cash receipts.

As of January 1, 1990, there was an estimated total of 10,149 thousand milk cows and heifers that had calved on farms throughout the United States. This was 63 thousand head fewer or 0.6 percent less than the number estimated for January 1, 1989. The average number of cows milked during the year 1989 was 10,127 thousand head. This was 135 thousand head fewer than the average for the year 1988.

TABLE 1. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, CALIFORNIA, 1971-1989

Year	Milk Cows and Heifers that have calved, on farms: Jan. 1 Total	Annual Average	Average Production per milk cow: Milk	Milk Fat	Total Production on farms: Milk	Milk Fat	Cash Receipts from farm marketings of dairy products 1/
	(thousands)		(pounds)		(million pounds)		(thousand dollars)
1971	758	763	12,726	458	9,710	350	560,925
1972	766	778	13,368	479	10,400	372	608,082
1973	789	792	13,045	470	10,332	372	692,976
1974	810	797	13,295	479	10,596	381	894,347
1975	800	800	13,566	492	10,853	394	997,202
1976	810	811	14,282	514	11,583	417	1,089,142
1977	809	827	14,472	517	11,968	427	1,182,467
1978	846	846	14,018	506	11,859	428	1,227,584
1979	860	871	14,424	512	12,563	446	1,453,330
1980	878	896	15,153	547	13,577	490	1,770,324
1981	910	923	15,437	554	14,248	512	1,943,229
1982	941	940	15,455	561	14,528	527	1,941,197
1983	940	951	15,503	557	14,743	529	1,944,762
1984	962	967	15,821	563	15,299	545	1,988,008
1985	974	1,004	16,701	610	16,768	612	2,078,402
1986	1,034	1,013	17,019	618	17,240	626	2,058,008
1987	990	998	17,966	652	17,930	651	2,082,883
1988	1,005	1,083	17,181	629	18,607	681	2,072,368
1989	1,095	1,104	17,530	642	19,353	708	2,430,691
1990	1,115						

1/ All milk and cream.

The average production of milk per cow in the United States during 1989 was 14,244 pounds. This was 99 pounds more than the 1988 production per cow. Total milk production during 1989 was 144,252 million pounds, 900 million pounds less than the production in 1988.

Cash receipts from milk and cream marketings in the United States during 1989 totaled approximately 19,403 million dollars. The comparable figure for 1988 was 17,641 million dollars.

California accounted for 13.4 percent of the milk produced in the United States during 1989 and received 12.5 percent of the cash receipts from farm marketings of milk and cream. California ranked second among the various states in the average number of milk cows on farms during 1989. This State ranked third in production of milk per cow; second in total milk production; and second in cash receipts from farm marketings of milk and cream. The State of Wisconsin had more cows. The states of New Mexico and Washington produced more milk per cow. Wisconsin received more from farm marketings of milk and cream than did California.

Estimates of the number of milk cows and heifers that had calved on farms by county and by crop reporting district in California at the beginning of 1989 and 1990 are given in Table 4. Of the total of 1,115 thousand head on farms in the State on January 1, 1990 approximately 58 percent were in the San Joaquin Valley, 30 percent in Southern California, and 6 percent in the Central Coast counties. The five leading counties were Tulare, San Bernardino, Riverside, Stanislaus, and Merced. Collectively these counties accounted for about 64 percent of all the milk cows in the State.

TABLE 2. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, UNITED STATES, 1971-1989 1/

	Milk Cows and Heifers that have calved, on farms		Average Production per milk cow		Total Production on farms		Cash Receipts from farm marketings of dairy products 1/
Year	Jan. 1 Total	Annual Average	Milk	Milk Fat	Milk	Milk Fat	
	(thousands)		(pounds)		(million pounds)		(thousand dollars)
1971	11,909	11,842	10,009	366	118,532	4,344	6,810,804
1972	11,778	11,698	10,250	377	119,904	4,408	7,134,676
1973	11,624	11,409	10,114	370	115,385	4,221	8,080,080
1974	11,286	11,219	10,300	378	115,553	4,238	9,430,140
1975	11,211	11,140	10,352	381	115,326	4,240	9,909,334
1976	11,087	11,055	10,879	399	120,269	4,406	11,428,455
1977	11,031	10,974	11,181	409	122,698	4,483	11,751,730
1978	10,939	10,841	11,218	412	121,609	4,462	12,689,783
1979	10,839	10,743	11,488	421	123,411	4,518	14,650,237
1980	10,769	10,810	11,889	434	128,525	4,696	16,583,532
1981	10,871	10,923	12,177	443	133,013	4,843	18,127,556
1982	11,029	11,011	12,306	450	135,505	4,950	18,233,471
1983	11,075	11,098	12,585	460	139,672	5,105	18,756,930
1984	11,026	10,833	12,503	458	135,450	4,964	17,943,618
1985	10,810	11,016	12,994	476	143,147	5,249	18,062,961
1986	11,177	10,813	13,260	486	143,381	5,258	17,753,188
1987	10,502	10,329	13,802	504	142,557	5,208	17,709,360
1988	10,311	10,262	14,145	520	145,152	5,333	17,641,372
1989	10,212	10,127	14,244	525	144,252	5,315	19,402,760
1990	10,149						

1/ All milk and cream.

TABLE 3. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, BY STATES, 1989

State	Milk cows on farms 1/	Average production per milk cow		Total production on farms		Cash receipts from farm marketings of dairy products 2/
		Milk	Milk Fat	Milk	Milk Fat	
	(thousands)	(pounds)		(million pounds)		(thousand dollars)
Alabama	43	12,163	444	523	19	77,480
Alaska	2	14,563	489	23	1	4,550
Arizona	91	16,736	616	1,523	56	205,904
Arkansas	68	11,676	416	794	28	112,274
California	1,104	17,530	642	19,353	708	2,430,691
Colorado	76	16,803	620	1,277	47	183,434
Connecticut	34	15,412	572	524	19	75,537
Delaware	9	13,870	513	128	5	18,212
Florida	181	13,519	475	2,447	86	387,960
Georgia	107	12,178	444	1,303	48	196,300
Hawaii	12	13,051	441	154	5	31,663
Idaho	171	15,608	573	2,669	98	322,260
Illinois	197	13,924	514	2,743	101	368,288
Indiana	162	13,772	514	2,231	83	295,110
Iowa	309	13,599	494	4,202	152	537,240
Kansas	99	12,636	464	1,251	46	162,360
Kentucky	212	10,684	393	2,265	83	294,848
Louisiana	86	11,047	393	950	34	135,780
Maine	43	14,163	540	609	23	87,629
Maryland	104	13,240	490	1,377	51	197,635
Massachusetts	31	14,387	544	446	17	66,171
Michigan	345	14,933	550	5,152	190	693,950
Minnesota	734	13,771	504	10,108	370	1,304,730
Mississippi	65	11,800	430	767	28	109,291
Missouri	228	13,048	480	2,975	110	388,360
Montana	24	13,833	491	332	12	43,292
Nebraska	105	12,952	477	1,360	50	172,250
Nevada	20	14,747	532	292	10	38,904
New Hampshire	20	14,650	557	293	11	41,877
New Jersey	28	13,000	475	364	13	51,340
New Mexico	67	18,552	657	1,243	44	169,800
New York	776	14,358	533	11,142	413	1,555,741
North Carolina	104	14,740	547	1,533	57	224,084
North Dakota	86	11,977	440	1,030	38	122,000
Ohio	350	13,014	482	4,555	168	608,945
Oklahoma	100	12,320	450	1,232	45	168,280
Oregon	95	15,884	591	1,509	56	200,468
Pennsylvania	698	14,324	529	9,998	369	1,452,531
Rhode Island	23	14,783	551	34	1	5,185
South Carolina	37	12,514	482	463	18	71,803
South Dakota	143	12,056	440	1,724	63	220,332
Tennessee	196	11,184	412	2,192	81	285,316
Texas	386	13,394	482	5,170	186	739,330
Utah	76	15,395	556	1,170	42	148,330
Vermont	163	14,301	541	2,331	88	324,564
Virginia	143	13,923	511	1,991	73	279,740
Washington	225	18,209	676	4,097	152	555,812
West Virginia	25	11,160	413	279	10	37,403
Wisconsin	1,739	13,801	518	24,000	900	3,183,144
Wyoming	10	12,277	446	124	4	14,632
United States 3/	10,127	14,244	525	144,252	5,315	19,402,760

1/ Average number during year, heifers that have not freshened excluded.

2/ All milk and cream.

3/ State totals may not add to U.S. totals because of rounding.

TABLE 4. NUMBER OF MILK COWS AND HEIFERS THAT HAVE CALVED ON FARMS IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1989 AND 1990 1/

County and District	1989	1990
Del Norte	2,500	2,300
Humboldt	16,000	15,500
Mendocino	1,500	1,200
North Coast	20,000	19,000
Shasta	1,750	1,600
Siskiyou	3,500	3,000
Trinity	50	100
North Central	5,300	4,700
Lassen	250	250
Modoc		
Plumas	50	50
North East	300	300
Alameda		
Contra Costa	2,200	1,800
Lake		
Marin	12,900	12,000
Monterey	3,700	5,500
Napa	1,100	1,000
San Benito	1,500	1,300
San Francisco		
San Luis Obispo	1,500	1,300
San Mateo		
Santa Clara	4,200	4,000
Santa Cruz	400	400
Sonoma	38,500	36,700
Central Coast	66,000	64,000
Butte	1,400	1,400
Colusa	700	700
Glenn	13,000	13,100
Sacramento	27,000	26,000
Solano	1,500	1,400
Sutter	1,500	1,500
Tehama	3,500	3,500
Yolo	900	900
Yuba	1,500	1,500
Sacramento Valley	51,000	50,000
Fresno	55,000	54,000
Kern	17,000	17,000
Kings	77,000	77,000
Madera	21,000	20,000
Merced	110,000	111,000
San Joaquin	65,000	66,000
Stanislaus	111,000	112,000
Tulare	178,000	189,000
San Joaquin Valley	634,000	646,000
Alpine		
Amador	50	50
Calaveras	50	100
El Dorado	100	
Inyo	50	50
Mariposa	50	50
Mono		
Nevada		
Placer	1,000	700
Sierra	50	50
Tuolumne	50	
Sierra Mountain	1,400	1,000
Imperial	400	500
Los Angeles	3,600	3,200
Orange		
Riverside	123,000	124,000
San Bernardino	170,000	183,000
San Diego	13,200	13,000
Santa Barbara	4,200	3,900
Ventura	2,600	2,400
Southern California	317,000	330,000
State Totals	1,095,000	1,115,000

1/ Dairy cattle population estimated as of January 1 for each year.

COMMERCIAL PRODUCTION

Approximately 19,367 million pounds of milk were produced commercially in California during the year 1989. Of this amount, 18,907 million pounds were received as market grade milk and 459 million pounds were received as manufacturing grade milk. Between 1988 and 1989, the total commercial production increased 4.4 percent. Production of market grade milk increased 4.6 percent while the production of manufacturing grade milk decreased 4.2 percent. Market grade milk accounted for 97.6 percent of all commercial production in 1989, compared to 97.4 percent in 1988 and 96.3 percent ten years earlier in 1979.

The average milk fat content of all milk received at plants from producers in California during 1989 was 3.66 percent. That received as market milk contained an average of 3.65 percent milk fat, while that received as manufacturing grade milk contained an average of 3.79 percent milk fat.

The commercial production of all milk fat in California during 1989, amounted to approximately 708 million pounds, 4.2 percent more than was produced during 1988. Market milk fat amounted to 97.5 percent of production in 1989 compared to 97.3 percent in 1988. Between 1988 and 1989, the production of market milk fat increased 4.4 percent, while that of manufacturing milk fat decreased 3.5 percent.

The San Joaquin Valley accounted for 60.3 percent of all milk produced commercially in the State during 1989. The San Joaquin Valley accounted for 60.2 percent of the market milk and 66.3 percent of the manufacturing milk. Approximately 29.4 percent of all milk and 30.0 percent of the market milk was produced in Southern California. The five leading counties in market milk production in the order of their importance during 1989 were: San Bernardino, Tulare, Riverside, Stanislaus, and Merced. These five counties accounted for 64.9 percent of the State's total production of market milk. The leading counties in manufacturing milk production were: Stanislaus, Merced, Glenn, Humboldt, and San Joaquin. These five counties accounted for 83.7 percent of the State's total manufacturing milk production. The five leading counties in total milk production were: San Bernardino, Tulare, Stanislaus, Merced, and Riverside. They accounted for 64.7 percent of the State's total milk production during 1989.

TABLE 5. AVERAGE MILK-FAT TEST AND COMMERCIAL PRODUCTION OF MILK-FAT AND WHOLE MILK IN CALIFORNIA, BY YEARS, 1973-1989

	MILK FAT			AVERAGE MILK-FAT TEST			WHOLE MILK		
	Market	Manufacturing	Total 1/	Market	Manufacturing	Total	Market	Manufacturing	Total
	(thousand pounds)			(percent)			(thousand pounds)		
1973	335,933	32,646	368,579	3.59	3.71	3.60	9,354,250	879,237	10,233,487
1974	351,133	26,748	377,881	3.59	3.69	3.60	9,776,188	724,765	10,500,953
1975	364,795	25,960	390,755	3.63	3.73	3.63	10,060,384	695,507	10,755,891
1976	390,950	22,562	413,512	3.59	3.75	3.60	10,886,279	602,087	11,488,366
1977	405,943	18,958	424,901	3.57	3.71	3.57	11,377,410	510,659	11,888,069
1978	408,311	16,816	425,127	3.60	3.76	3.61	11,329,087	447,648	11,776,735
1979	426,183	16,881	443,064	3.54	3.67	3.55	12,029,199	459,453	12,488,652
1980	468,324	19,050	487,374	3.60	3.68	3.60	12,998,001	517,997	13,515,998
1981	490,629	19,147	509,776	3.59	3.68	3.59	13,666,750	519,852	14,186,602
1982	504,415	20,954	525,369	3.63	3.70	3.63	13,901,010	566,472	14,467,482
1983	506,076	21,556	527,632	3.59	3.66	3.59	14,104,674	588,819	14,693,493
1984	522,989	21,244	544,233	3.57	3.66	3.57	14,654,257	580,604	15,234,861
1985	586,824	22,472	609,295	3.64	3.74	3.65	16,104,954	600,443	16,705,397
1986	603,432	19,646	623,078	3.63	3.74	3.63	16,643,908	525,846	17,169,754
1987	628,634	19,591	648,226	3.63	3.73	3.63	17,340,641	525,194	17,865,835
1988	661,511	18,035	679,546	3.66	3.76	3.66	18,074,742	479,711	18,554,453
1989	691,000	17,395	708,395	3.65	3.79	3.66	18,907,492	459,338	19,366,830
1986									
January	52,172	1,498	53,670	3.75	3.88	3.76	1,389,622	38,622	1,428,244
February	47,790	1,333	49,123	3.76	3.84	3.77	1,269,820	34,755	1,304,576
March	52,434	1,720	54,154	3.70	3.76	3.71	1,415,745	45,722	1,461,466
April	50,424	1,750	52,174	3.61	3.69	3.61	1,398,200	47,408	1,445,608
May	51,358	1,801	53,159	3.53	3.65	3.54	1,453,691	49,340	1,503,031
June	49,130	1,806	50,936	3.49	3.59	3.49	1,409,140	50,325	1,459,465
July	50,870	1,765	52,635	3.48	3.58	3.48	1,463,266	49,357	1,512,623
August	50,047	1,765	51,812	3.51	3.64	3.52	1,424,530	48,530	1,473,060
September	48,979	1,649	50,628	3.60	3.76	3.60	1,360,797	43,911	1,404,707
October	50,552	1,595	52,147	3.68	3.84	3.68	1,375,633	41,554	1,417,188
November	48,827	1,484	50,311	3.68	3.88	3.69	1,325,200	38,272	1,363,472
December	50,848	1,480	52,328	3.74	3.89	3.75	1,358,264	38,050	1,396,314
1987									
January	51,239	1,312	52,551	3.77	3.81	3.77	1,358,384	34,419	1,392,804
February	46,759	1,291	48,051	3.71	3.77	3.71	1,260,984	34,222	1,295,206
March	52,573	1,541	54,114	3.67	3.74	3.67	1,433,359	41,163	1,474,522
April	51,265	1,698	52,963	3.56	3.65	3.56	1,439,223	46,568	1,485,792
May	53,162	1,796	54,958	3.49	3.59	3.50	1,521,775	50,038	1,571,813
June	51,923	1,802	53,725	3.49	3.57	3.49	1,489,828	50,420	1,540,248
July	54,480	1,764	56,244	3.50	3.62	3.51	1,554,814	48,764	1,603,578
August	54,159	1,828	55,987	3.53	3.65	3.53	1,535,907	50,041	1,585,948
September	51,850	1,633	53,483	3.57	3.68	3.57	1,452,686	44,365	1,497,051
October	53,766	1,702	55,468	3.63	3.81	3.64	1,480,222	44,680	1,524,902
November	52,619	1,633	54,252	3.77	3.97	3.78	1,393,936	41,179	1,435,115
December	54,838	1,591	56,429	3.86	4.04	3.87	1,419,521	39,334	1,458,855
1988									
January	54,685	1,250	55,935	3.86	3.99	3.86	1,416,949	31,367	1,448,316
February	51,469	1,222	52,691	3.76	3.83	3.76	1,370,329	31,927	1,402,256
March	55,566	1,429	56,995	3.65	3.71	3.65	1,521,398	38,528	1,559,926
April	55,236	1,489	56,725	3.60	3.68	3.60	1,534,167	40,476	1,574,643
May	57,693	1,704	59,398	3.59	3.70	3.60	1,605,172	46,046	1,651,219
June	55,657	1,779	57,436	3.55	3.63	3.55	1,569,950	49,001	1,618,951
July	55,548	1,730	57,277	3.52	3.61	3.52	1,578,751	47,946	1,626,697
August	55,560	1,666	57,226	3.53	3.65	3.53	1,573,914	45,619	1,619,533
September	53,113	1,481	54,594	3.61	3.74	3.61	1,473,156	39,587	1,512,743
October	55,515	1,486	57,002	3.67	3.82	3.68	1,511,270	38,922	1,550,192
November	54,308	1,401	55,709	3.76	3.93	3.77	1,443,149	35,608	1,478,757
December	57,160	1,396	58,557	3.87	4.02	3.87	1,476,537	34,684	1,511,221
1989									
January	57,264	1,408	58,671	3.89	4.02	3.89	1,471,765	35,050	1,506,815
February	52,100	1,204	53,305	3.81	3.89	3.81	1,367,937	30,943	1,398,880
March	58,190	1,418	59,608	3.69	3.79	3.69	1,578,377	37,432	1,615,809
April	56,529	1,466	57,995	3.58	3.68	3.58	1,579,016	39,861	1,618,878
May	58,376	1,597	59,973	3.55	3.66	3.55	1,643,635	43,660	1,687,294
June	56,051	1,483	57,534	3.52	3.64	3.52	1,592,081	40,693	1,632,774
July	58,085	1,529	59,614	3.51	3.65	3.52	1,652,554	41,942	1,694,496
August	59,211	1,601	60,811	3.55	3.68	3.55	1,669,360	43,550	1,712,909
September	57,745	1,532	59,277	3.63	3.80	3.64	1,590,368	40,294	1,630,662
October	59,108	1,501	60,610	3.68	3.88	3.68	1,606,208	38,707	1,644,915
November	57,638	1,344	58,982	3.72	3.91	3.73	1,547,527	34,350	1,581,877
December	60,703	1,312	62,015	3.77	3.99	3.78	1,608,665	32,856	1,641,521

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be found in Tables 7, 8, 9, 10, 11, and 12.

TABLE 6. COMMERCIAL PRODUCTION OF MILK, MILK FAT AND AVERAGE MILK FAT TEST IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1989

County and District	MILK 1/			MILK FAT			AVERAGE MILK-FAT TEST 2/		
	Market	Manufacturing	Total	Market	Manufacturing	Total	Market	Manufacturing	Total
	(thousand pounds)			(thousand pounds)			(percent)		
Del Norte	8,478	12,090	20,567	336	546	881	3.96	4.51	4.28
Humboldt	175,448	54,978	230,426	7,066	2,363	9,428	4.03	4.30	4.09
Mendocino	13,556		13,556	548		548	4.04		4.04
North Coast	197,482	67,067	264,549	7,950	2,908	10,858	4.02	4.34	4.10
Shasta	13,433		13,433	484		484	3.60		3.60
Siskiyou	38,503		38,503	1,429		1,429	3.71		3.71
Trinity									
North Central	51,936		51,936	1,913		1,913	3.68		3.68
Lassen	2,266		2,266	82		82	3.63		3.63
Modoc									
Plumas									
North East	2,266		2,266	82		82	3.63		3.63
Alameda									
Contra Costa	42,490		42,490	1,544		1,544	3.63		3.63
Lake									
Marin	239,640	196	239,835	8,667	7	8,674	3.62	3.82	3.62
Monterey	79,889	1,007	80,897	2,988	39	3,028	3.74	3.91	3.74
Napa	10,296		10,296	367		367	3.57		3.57
San Benito	10,492	2,536	13,027	402	95	497	3.83	3.76	3.82
San Francisco									
San Luis Obispo	11,824	894	12,718	436	32	469	3.69	3.63	3.68
San Mateo									
Santa Clara	22,765		22,765	816		816	3.58		3.58
Santa Cruz	10,577		10,577	376		376	3.56		3.56
Sonoma	556,117	2,461	558,578	20,728	99	20,827	3.73	4.03	3.73
Central Coast	984,091	7,093	991,184	36,324	274	36,598	3.69	3.86	3.69
Butte	16,210		16,210	626		626	3.86		3.86
Colusa	6,458	45	6,503	242	2	244	3.75	3.59	3.74
Glenn	156,275	59,012	215,287	5,768	2,392	8,160	3.69	4.05	3.79
Sacramento	293,148	6,445	299,593	10,904	233	11,137	3.72	3.62	3.72
Solano	22,016	7	22,024	806	3/	806	3.66	3.43	3.66
Sutter	9,930		9,930	356		356	3.58		3.58
Tehama	47,304	6,621	53,925	1,764	246	2,009	3.73	3.71	3.73
Yolo	13,892	24	13,916	508	1	509	3.66	3.55	3.66
Yuba	38,928	14	38,942	1,569	3/	1,569	4.03	3.22	4.03
Sacramento Valley	604,161	72,169	676,330	22,542	2,874	25,417	3.73	3.98	3.76
Fresno	1,153,262	13,300	1,166,562	42,161	479	42,640	3.66	3.60	3.66
Kern	382,464	322	382,786	13,965	12	13,977	3.65	3.60	3.65
Kings	1,302,308	4,125	1,306,433	48,022	148	48,170	3.69	3.60	3.69
Madera	322,961	5,110	328,070	11,691	188	11,879	3.62	3.67	3.62
Merced	1,989,551	117,393	2,106,944	74,155	4,294	78,448	3.73	3.66	3.72
San Joaquin	1,277,021	32,474	1,309,495	46,728	1,164	47,892	3.66	3.58	3.66
Stanislaus	1,989,963	120,572	2,110,535	73,292	4,344	77,636	3.68	3.60	3.68
Tulare	2,963,239	11,074	2,974,313	108,397	405	108,802	3.66	3.66	3.66
San Joaquin Valley	11,380,770	304,369	11,685,139	418,412	11,033	429,444	3.68	3.62	3.68
Alpine									
Amador									
Calaveras									
El Dorado									
Inyo									
Mariposa									
Mono									
Nevada									
Placer	10,582		10,582	363		363	3.43		3.43
Sierra									
Tuolumne									
Sierra Mountain	10,582		10,582	363		363	3.43		3.43
Imperial	8,820		8,820	333		333	3.78		3.78
Los Angeles	60,525	9	60,534	2,637	3/	2,637	4.36	3.90	4.36
Orange									
Riverside	2,100,416	4,291	2,104,707	75,000	156	75,156	3.57	3.63	3.57
San Bernardino	3,224,517	4,278	3,228,796	115,432	148	115,579	3.58	3.45	3.58
San Diego	191,551	61	191,612	6,839	2	6,841	3.57	3.60	3.57
Santa Barbara	49,488		49,488	1,792		1,792	3.62		3.62
Ventura	40,886		40,886	1,380		1,380	3.38		3.38
Southern California	5,676,204	8,639	5,684,844	203,413	306	203,719	3.58	3.54	3.58
State Total	18,907,492	459,338	19,366,830	691,000	17,395	708,395	3.65	3.79	3.66

1/ Totals have been determined from unrounded data. The original data may be found in Tables 7, 8, 9, 10, 11, and 12.
2/ Milk fat tests were computed from unrounded data.
3/ Less than 600 pounds milk fat were reported.

TABLE 7. COMMERCIAL PRODUCTION OF ALL MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1989

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	1,922,160	1,707,998	2,161,902	2,738,738	3,005,347	1,578,171	1,582,059	1,502,150	1,274,711	1,203,859	1,006,279	883,703
Humboldt	12,503,081	11,785,114	17,175,969	21,652,110	24,972,231	24,599,264	24,374,310	22,585,097	19,892,921	18,757,887	16,631,355	15,496,299
Mendocino	1,025,952	1,054,698	1,199,270	1,261,224	1,246,555	1,185,012	1,192,198	1,174,480	1,075,445	1,060,947	1,011,533	1,069,106
North Coast	15,451,193	14,547,810	20,537,141	25,652,072	29,224,133	27,362,447	27,148,567	25,261,727	22,243,077	21,022,693	18,649,167	17,449,108
Shasta	1,102,104	1,027,697	1,147,047	1,113,932	1,103,734	1,053,867	1,139,434	1,158,361	1,094,785	1,148,063	1,151,347	1,192,279
Siskiyou	3,214,494	2,951,193	3,413,727	3,383,918	3,537,204	3,434,631	3,512,496	3,285,446	3,093,531	3,029,965	2,784,398	2,862,422
Trinity												
North Central	4,316,598	3,978,890	4,560,774	4,497,850	4,640,938	4,488,498	4,651,930	4,443,807	4,188,316	4,178,028	3,935,745	4,054,701
Lassen	172,841	171,541	188,278	193,974	198,571	186,944	201,011	196,824	184,551	183,964	201,550	186,226
Modoc												
Plumas												
North East	172,841	171,541	188,278	193,974	198,571	186,944	201,011	196,824	184,551	183,964	201,550	186,226
Alameda												
Contra Costa	3,422,371	3,172,213	3,551,474	3,377,409	3,480,765	3,451,405	3,670,830	3,805,200	3,634,926	3,657,605	3,581,089	3,684,794
Lake												
Marin	19,942,598	18,237,505	20,343,311	20,239,542	20,803,653	19,807,253	20,655,415	20,530,328	19,550,277	20,010,261	19,421,849	20,293,249
Monterey	6,527,639	5,962,681	6,868,455	6,614,803	7,043,890	7,180,430	7,546,219	7,383,739	6,696,119	6,488,605	6,387,613	6,196,492
Napa	824,325	753,723	864,305	867,287	917,451	913,901	954,655	905,112	828,380	813,613	811,189	841,807
San Benito	925,784	848,022	982,035	974,925	1,089,055	1,131,963	1,203,401	1,195,625	1,141,421	1,153,995	1,144,404	1,236,839
San Francisco												
San Luis Obispo	1,295,581	1,169,116	976,315	955,052	993,951	982,975	1,072,610	1,079,620	1,026,898	1,081,495	1,030,370	1,054,500
San Mateo												
Santa Clara	1,644,549	1,584,931	1,882,176	1,902,247	2,015,383	2,030,228	2,145,070	2,076,408	1,945,226	1,961,749	1,774,505	1,802,957
Santa Cruz	957,230	808,371	924,316	892,971	915,974	854,214	871,635	861,507	851,620	860,661	860,228	917,886
Sonoma	46,323,769	42,237,731	47,157,739	46,082,635	47,899,186	46,795,806	49,256,449	48,982,316	46,130,317	46,481,482	44,885,105	46,345,788
Central Coast	81,863,846	74,774,293	83,550,126	81,906,871	85,159,308	83,148,175	87,376,284	86,819,855	81,805,184	82,509,466	79,896,352	82,374,312
Butte	1,390,739	1,276,150	1,407,841	1,361,455	1,407,958	1,357,606	1,376,271	1,430,401	1,309,452	1,296,987	1,263,375	1,332,330
Colusa	497,001	473,921	550,767	536,502	560,258	555,139	600,784	608,186	568,398	548,501	504,552	498,798
Glenn	16,739,268	16,011,261	18,117,619	18,226,259	18,698,805	17,826,841	18,428,375	19,547,909	18,445,441	18,500,943	17,667,773	17,076,641
Sacramento	24,853,267	22,639,223	25,281,454	24,870,948	25,795,800	25,277,905	26,605,579	26,384,442	24,869,933	25,005,176	23,857,251	24,152,449
Solano	1,774,550	1,610,391	1,793,889	1,790,373	1,963,954	1,880,070	1,938,665	1,940,763	1,804,736	1,880,010	1,814,580	1,831,600
Sutter	801,284	759,630	861,499	869,390	867,074	837,045	862,210	858,311	809,881	821,930	796,906	784,554
Tehama	4,671,236	4,090,570	4,565,103	4,518,463	4,504,754	4,234,884	4,824,927	4,667,109	4,275,537	4,368,848	4,237,667	4,966,193
Yolo	1,150,819	1,097,943	1,227,381	1,231,335	1,185,356	1,150,074	1,185,182	1,163,177	1,072,121	1,104,568	1,147,098	1,200,693
Yuba	3,204,772	2,962,237	3,325,906	3,291,147	3,398,353	3,320,742	3,437,276	3,412,879	3,164,904	3,221,419	3,028,300	3,174,068
Sacramento Valley	55,082,936	50,921,326	57,131,459	56,695,872	58,382,312	56,440,306	59,259,269	60,013,177	56,320,403	56,748,382	54,317,502	55,017,326

CONTINUED...

TABLE 7. COMMERCIAL PRODUCTION OF ALL MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1989 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	90,432,582	83,108,082	97,783,505	97,917,723	101,123,398	99,355,841	102,998,448	104,274,122	98,861,148	99,333,951	94,078,951	97,294,185
Kern	29,707,538	28,197,648	33,899,796	33,464,824	33,574,552	31,336,146	31,097,252	32,137,244	31,294,345	32,589,170	31,804,745	33,682,707
Kings	97,228,115	93,251,690	108,260,991	109,227,679	113,001,442	109,564,543	112,888,854	115,669,689	110,629,864	113,490,576	109,602,120	113,617,925
Madera	26,389,663	24,142,915	27,588,300	27,702,418	29,302,015	28,805,147	30,835,706	28,438,799	26,972,550	26,983,062	24,988,842	25,920,878
Merced	166,185,777	150,280,016	173,034,036	172,854,584	179,291,601	175,589,580	185,328,613	190,712,190	180,415,257	180,306,609	172,044,407	180,901,853
San Joaquin	104,845,751	96,230,453	108,993,437	108,037,903	113,999,421	110,119,319	114,884,506	116,475,038	110,347,022	110,675,773	105,811,766	109,074,354
Stanislaus	165,745,759	152,594,629	173,820,199	173,492,203	182,710,359	178,661,145	188,134,337	189,222,777	178,628,299	179,546,178	171,713,019	176,266,140
Tulare	223,473,639	210,113,286	246,002,121	245,592,991	254,191,323	245,398,939	254,258,908	261,722,269	256,387,743	259,990,759	252,074,749	265,106,231
San Joaquin Valley	904,008,824	837,918,719	969,382,385	968,290,325	1,007,194,111	978,830,660	1,020,426,624	1,038,652,128	993,536,228	1,002,916,078	962,118,599	1,001,864,273
Alpine												
Amador												
Calaveras												
El Dorado												
Inyo												
Mariposa												
Mono												
Nevada												
Placer	816,027	754,568	858,550	852,100	926,290	942,691	984,271	991,736	909,854	891,644	820,659	833,606
Sierra												
Tuolumne												
Sierra Mountain	816,027	754,568	858,550	852,100	926,290	942,691	984,271	991,736	909,854	891,644	820,659	833,606
Imperial	589,076	819,399	979,079	966,211	981,679	830,227	664,483	511,940	473,778	571,608	667,844	764,621
Los Angeles	6,215,648	4,335,218	4,966,465	4,777,298	4,881,374	4,762,418	4,966,534	5,521,794	5,177,217	5,098,022	4,844,360	4,987,978
Orange												
Riverside	161,996,408	153,959,354	177,316,236	180,583,908	187,095,960	179,540,922	182,971,632	183,148,852	173,053,534	175,565,377	170,914,613	178,560,400
San Bernardino	254,406,829	236,722,986	273,063,628	271,324,706	283,968,011	271,545,241	280,502,568	282,447,641	269,142,784	271,500,791	262,557,045	271,613,542
San Diego	15,140,620	13,663,410	15,983,794	15,830,634	16,483,338	16,669,339	17,040,962	16,854,822	15,974,411	16,138,993	15,558,552	16,273,190
Santa Barbara	3,650,088	3,364,849	3,856,350	3,858,413	4,516,544	4,481,954	4,683,421	4,451,550	4,279,622	4,172,494	3,988,381	4,184,332
Ventura	3,103,781	2,947,955	3,434,782	3,447,337	3,642,002	3,544,294	3,618,436	3,593,594	3,373,289	3,417,311	3,406,306	3,357,122
Southern California	445,102,450	415,813,171	479,600,334	480,788,507	501,568,908	481,374,395	494,448,036	496,530,193	471,474,635	476,464,596	461,937,101	479,741,185
State Totals	1,506,814,715	1,398,880,318	1,615,809,047	1,618,877,571	1,687,294,571	1,632,774,116	1,694,495,992	1,712,909,447	1,630,662,248	1,644,914,851	1,581,876,675	1,641,520,737

TABLE 8. COMMERCIAL PRODUCTION OF MARKET MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1989

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	1,415,177	1,272,587	1,434,289	1,561,141	1,557,437	216,137	215,071	200,416	162,184	158,824	145,676	138,584
Humboldt	10,620,851	9,932,115	13,347,165	16,114,659	18,321,184	18,086,956	18,014,540	16,702,584	14,823,368	14,206,014	12,860,220	12,418,364
Mendocino	1,025,952	1,054,698	1,199,270	1,261,224	1,246,555	1,185,012	1,192,198	1,174,480	1,075,445	1,060,947	1,011,533	1,069,106
North Coast	13,061,980	12,259,400	15,980,724	18,937,024	21,125,176	19,488,105	19,421,809	18,077,480	16,060,997	15,425,785	14,017,429	13,626,054
Shasta	1,102,104	1,027,697	1,147,047	1,113,932	1,103,734	1,053,867	1,139,434	1,158,361	1,094,785	1,148,063	1,151,347	1,192,279
Siskiyou	3,214,494	2,951,193	3,413,727	3,383,918	3,537,204	3,434,631	3,512,496	3,285,446	3,093,531	3,029,965	2,784,398	2,862,422
Trinity												
North Central	4,316,598	3,978,890	4,560,774	4,497,850	4,640,938	4,488,498	4,651,930	4,443,807	4,188,316	4,178,028	3,935,745	4,054,701
Lassen	172,841	171,541	188,278	193,974	198,571	186,944	201,011	196,824	184,551	183,964	201,550	186,226
Modoc												
Plumas												
North East	172,841	171,541	188,278	193,974	198,571	186,944	201,011	196,824	184,551	183,964	201,550	186,226
Alameda												
Contra Costa	3,422,371	3,172,213	3,551,474	3,377,409	3,480,765	3,451,405	3,670,830	3,805,200	3,634,926	3,657,605	3,581,089	3,684,794
Lake												
Marin	19,884,568	18,169,788	20,337,957	20,239,542	20,768,257	19,807,253	20,655,415	20,530,328	19,521,260	20,010,261	19,421,849	20,293,249
Monterey	6,527,639	5,962,681	6,868,455	6,614,803	7,043,890	7,180,430	7,546,219	7,383,739	5,688,927	6,488,605	6,387,613	6,196,492
Napa	824,325	753,723	864,305	867,287	917,451	913,901	954,655	905,112	828,380	813,613	811,189	841,807
San Benito	717,767	686,956	797,792	792,418	882,865	933,759	754,908	978,553	959,854	972,627	974,843	1,039,527
San Francisco												
San Luis Obispo	1,222,154	1,098,678	886,958	879,636	925,298	914,509	995,796	1,002,749	952,275	999,759	960,651	985,819
San Mateo												
Santa Clara	1,644,549	1,584,931	1,882,176	1,902,247	2,015,383	2,030,228	2,145,070	2,076,408	1,945,226	1,961,749	1,774,505	1,802,957
Santa Cruz	957,230	808,371	924,316	892,971	915,974	854,214	871,635	861,507	851,620	860,661	860,228	917,886
Sonoma	46,144,410	42,078,230	46,971,241	45,811,221	47,720,105	46,598,354	49,042,506	48,762,047	45,936,885	46,285,223	44,690,126	46,077,050
Central Coast	81,345,013	74,315,571	83,084,674	81,377,534	84,669,988	82,684,053	86,637,034	86,305,643	80,319,353	82,050,103	79,462,093	81,839,581
Butte	1,390,739	1,276,150	1,407,841	1,361,455	1,407,958	1,357,606	1,376,271	1,430,401	1,309,452	1,296,987	1,263,375	1,332,330
Colusa	497,001	467,042	550,767	536,502	552,528	546,285	600,784	608,186	559,925	548,501	491,676	498,798
Glenn	12,710,232	12,037,613	13,447,663	13,319,307	13,303,090	12,892,532	13,733,871	13,512,032	12,575,857	12,935,584	12,659,150	13,148,312
Sacramento	24,333,586	22,136,826	24,770,935	24,357,004	25,217,069	24,549,965	26,103,264	25,772,485	24,365,537	24,496,171	23,381,147	23,664,026
Solano	1,774,550	1,610,391	1,793,889	1,790,373	1,963,954	1,880,070	1,938,665	1,933,542	1,804,736	1,880,010	1,814,580	1,831,600
Sutter	801,284	759,630	861,499	869,390	867,074	837,045	862,210	858,311	809,881	821,930	796,906	784,554
Tehama	3,940,126	3,546,524	4,092,607	3,998,451	4,016,398	3,779,366	3,886,836	4,225,698	4,013,610	3,994,198	3,882,890	3,927,216
Yolo	1,150,819	1,097,943	1,227,381	1,231,335	1,161,154	1,150,074	1,185,182	1,163,177	1,072,121	1,104,568	1,147,098	1,200,693
Yuba	3,204,772	2,962,237	3,325,906	3,291,147	3,384,409	3,320,742	3,437,276	3,412,879	3,164,904	3,221,419	3,028,300	3,174,068
Sacramento Valley	49,803,109	45,894,356	51,478,488	50,754,964	51,873,634	50,313,685	53,124,359	52,916,711	49,676,023	50,299,368	48,465,122	49,561,597

CONTINUED....

TABLE 8. COMMERCIAL PRODUCTION OF MARKET MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1989 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	90,074,598	82,792,087	97,011,963	96,764,536	99,480,912	98,166,133	101,699,646	102,968,356	97,548,432	97,957,270	92,764,039	96,034,150
Kern	29,707,538	28,178,298	33,899,796	33,464,824	33,549,508	31,336,146	31,063,094	32,137,244	31,239,484	32,589,170	31,804,745	33,494,282
Kings	96,910,317	93,017,296	107,771,269	108,983,560	112,732,705	109,400,630	112,564,372	114,738,225	110,032,393	113,429,637	109,322,888	113,405,268
Madera	25,452,624	23,122,411	26,995,206	27,499,748	29,079,272	28,524,163	30,646,228	28,250,735	26,299,778	26,813,389	24,568,298	25,708,869
Merced	155,994,867	141,116,149	162,575,362	162,402,630	168,864,010	165,728,526	175,089,976	180,355,621	171,331,124	170,372,042	163,422,081	172,298,776
San Joaquin	101,895,390	93,533,377	105,991,650	105,264,753	111,084,485	107,321,645	111,996,429	113,423,294	107,611,375	108,162,640	103,759,481	106,976,094
Stanislaus	155,015,445	143,674,768	163,323,096	163,340,829	172,054,606	168,669,566	177,336,102	178,396,865	169,029,267	169,143,492	162,567,190	167,411,670
Tulare	222,585,611	209,775,290	245,497,395	244,448,573	252,951,818	244,730,780	253,475,021	260,864,708	255,046,485	258,949,103	251,025,358	263,889,159
San Joaquin Valley	877,636,390	815,209,676	943,065,737	942,169,453	979,797,316	953,877,589	993,870,868	1,011,135,048	968,138,338	977,416,743	939,234,080	979,218,268
Alpine												
Amador												
Calaveras												
El Dorado												
Inyo												
Mariposa												
Mono												
Nevada												
Placer	816,027	754,568	858,550	852,100	926,290	942,691	984,271	991,736	909,854	891,644	820,659	833,606
Sierra												
Tuolumne												
Sierra Mountain	816,027	754,568	858,550	852,100	926,290	942,691	984,271	991,736	909,854	891,644	820,659	833,606
Imperial	589,076	819,399	979,079	966,211	981,679	830,227	664,483	511,940	473,778	571,608	667,844	764,621
Los Angeles	6,215,648	4,325,870	4,966,465	4,777,298	4,881,374	4,762,418	4,966,534	5,521,794	5,177,217	5,098,022	4,844,360	4,987,978
Orange												
Riverside	161,722,550	153,780,530	177,124,695	180,262,556	186,717,910	179,162,712	182,603,545	182,416,492	172,768,979	174,964,952	170,650,074	178,241,500
San Bernardino	254,191,155	236,450,997	272,814,938	271,091,053	283,180,194	270,670,678	280,084,854	281,942,283	268,861,695	271,418,829	262,274,816	271,535,907
San Diego	15,140,620	13,663,410	15,983,794	15,830,634	16,483,338	16,646,880	17,040,962	16,854,822	15,955,989	16,119,196	15,558,552	16,273,190
Santa Barbara	3,650,088	3,364,849	3,856,350	3,858,413	4,516,544	4,481,954	4,683,421	4,451,550	4,279,622	4,172,494	3,988,381	4,184,332
Ventura	3,103,781	2,947,955	3,434,782	3,447,337	3,642,002	3,544,294	3,618,436	3,593,594	3,373,289	3,417,311	3,406,306	3,357,122
Southern California	444,612,918	415,353,010	479,160,103	480,233,502	500,403,041	480,099,163	493,662,235	495,292,475	470,890,569	475,762,412	461,390,333	479,344,650
State Totals	1,471,764,876	1,367,937,012	1,578,377,328	1,579,016,401	1,643,634,954	1,592,080,728	1,652,553,517	1,669,359,724	1,590,368,001	1,606,208,047	1,547,527,011	1,608,664,683

TABLE 9. COMMERCIAL PRODUCTION OF MANUFACTURING MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1989

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	506,983	435,411	727,613	1,177,597	1,447,910	1,362,034	1,366,988	1,301,734	1,112,527	1,045,035	860,603	745,119
Humboldt	1,882,230	1,852,999	3,828,804	5,537,451	6,651,047	6,512,308	6,359,770	5,882,513	5,069,553	4,551,873	3,771,135	3,077,935
Mendocino												
North Coast	2,389,213	2,288,410	4,556,417	6,715,048	8,098,957	7,874,342	7,726,758	7,184,247	6,182,080	5,596,908	4,631,738	3,823,054
Shasta												
Siskiyou												
Trinity												
North Central												
Lassen												
Modoc												
Plumas												
North East												
Alameda												
Contra Costa												
Lake												
Marin	58,030	67,717	5,354		35,396				29,017			
Monterey									1,007,192			
Napa												
San Benito	208,017	161,066	184,243	182,507	206,190	198,204	448,493	217,072	181,567	181,368	169,561	197,312
San Francisco												
San Luis Obispo	73,427	70,438	89,357	75,416	68,653	68,466	76,814	76,871	74,623	81,736	69,719	68,681
San Mateo												
Santa Clara												
Sante Cruz												
Sonoma	179,359	159,501	186,498	271,414	179,081	197,452	213,943	220,269	193,432	196,259	194,979	268,738
Central Coast	518,833	458,722	465,452	529,337	489,320	464,122	739,250	514,212	1,485,831	459,363	434,259	534,731
Butte												
Colusa		6,879			7,730	8,854			8,473		12,876	
Glenn	4,029,036	3,973,648	4,669,956	4,906,952	5,395,715	4,934,309	4,694,504	6,035,877	5,869,584	5,565,359	5,008,623	3,928,329
Sacramento	519,681	502,397	510,519	513,944	578,731	727,940	502,315	611,957	504,396	509,005	476,104	488,423
Solano								7,221				
Sutter												
Tehama	731,110	544,046	472,496	520,012	488,356	455,518	938,091	441,411	261,927	374,650	354,777	1,038,977
Yolo					24,202							
Yuba					13,944							
Sacramento Valley	5,279,827	5,026,970	5,652,971	5,940,908	6,508,678	6,126,621	6,134,910	7,096,466	6,644,380	6,449,014	5,852,380	5,455,729

CONTINUED.....

TABLE 9. COMMERCIAL PRODUCTION OF MANUFACTURING MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1989 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	357,984	315,995	771,542	1,153,187	1,642,486	1,189,708	1,298,802	1,305,766	1,312,716	1,376,681	1,314,912	1,260,035
Kern		19,350			25,044		34,158		54,861			188,425
Kings	317,798	234,394	489,722	244,119	268,737	163,913	324,482	931,464	597,471	60,939	279,232	212,657
Madera	937,039	1,020,504	593,094	202,670	222,743	280,984	189,478	188,064	672,772	169,673	420,544	212,009
Merced	10,190,910	9,163,867	10,458,674	10,451,954	10,427,591	9,861,054	10,238,637	10,356,569	9,084,133	9,934,567	8,622,326	8,603,077
San Joaquin	2,950,361	2,697,076	3,001,787	2,773,150	2,914,936	2,797,674	2,888,077	3,051,744	2,735,647	2,513,133	2,052,285	2,098,260
Stanislaus	10,730,314	8,919,861	10,497,103	10,151,374	10,655,753	9,991,579	10,798,235	10,825,912	9,599,032	10,402,686	9,145,829	8,854,470
Tulare	888,028	337,996	504,726	1,144,418	1,239,505	668,159	783,887	857,561	1,341,258	1,041,656	1,049,391	1,217,072
San Joaquin Valley	26,372,434	22,709,043	26,316,648	26,120,872	27,396,795	24,953,071	26,555,756	27,517,080	25,397,890	25,499,335	22,884,519	22,646,005
Alpine												
Amador												
Calaveras												
El Dorado												
Inyo												
Mariposa												
Mono												
Nevada												
Placer												
Sierra												
Tuolumne												
Sierra Mountain												
Imperial												
Los Angeles		9,348										
Orange												
Riverside	273,858	178,824	191,541	321,352	378,050	378,210	368,087	732,360	284,555	600,425	264,539	318,900
San Bernardino	215,674	271,989	248,690	233,653	787,817	874,563	417,714	505,358	281,089	81,962	282,229	77,635
San Diego						22,459			18,422	19,797		
Santa Barbara												
Ventura												
Southern California	489,532	460,161	440,231	555,005	1,165,867	1,275,232	785,801	1,237,718	584,066	702,184	546,768	396,535
State Totals	35,049,839	30,943,306	37,431,719	39,861,170	43,659,617	40,693,388	41,942,475	43,549,723	40,294,247	38,706,804	34,349,664	32,856,054

TABLE 10. COMMERCIAL PRODUCTION OF ALL MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1989

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	80,695	69,808	86,683	107,372	119,806	68,609	69,868	67,681	60,075	57,800	49,229	43,741
Humboldt	532,140	484,253	695,442	847,365	977,761	966,867	971,451	923,135	839,108	810,857	717,009	663,190
Mendocino	42,038	42,316	48,503	49,616	49,741	46,354	48,770	47,546	43,783	43,909	41,628	44,233
North Coast	654,873	596,377	830,628	1,004,353	1,147,308	1,081,830	1,090,089	1,038,362	942,966	912,566	807,866	751,164
Shasta	41,061	37,768	41,577	39,412	38,551	37,003	39,747	40,967	40,052	41,971	41,747	44,354
Siskiyou	125,224	112,859	126,659	123,330	125,642	122,209	127,022	119,324	114,463	115,276	106,708	110,437
Trinity												
North Central	166,285	150,627	168,236	162,742	164,193	159,212	166,769	160,291	154,515	157,247	148,455	154,791
Lassen	6,718	6,686	7,109	7,014	6,953	6,512	7,032	6,743	6,614	6,738	7,366	6,884
Modoc												
Plumas												
North East	6,718	6,686	7,109	7,014	6,953	6,512	7,032	6,743	6,614	6,738	7,366	6,884
Alameda												
Contra Costa	125,693	116,000	123,739	122,456	129,521	127,579	133,920	138,635	133,318	133,321	129,141	130,946
Lake												
Marin	736,657	667,945	733,449	698,334	722,395	694,333	738,892	746,519	721,146	745,645	716,847	752,070
Monterey	252,096	227,743	257,499	238,692	257,902	260,487	276,637	273,039	252,922	252,072	241,448	237,182
Napa	31,826	27,711	31,284	29,248	31,036	30,723	31,858	31,689	29,906	30,016	29,969	31,925
San Benito	36,736	33,443	37,632	36,505	40,643	41,543	44,593	44,711	43,585	44,801	44,718	48,196
San Francisco												
San Luis Obispo	50,548	45,139	36,354	34,206	35,715	34,902	37,988	38,646	37,195	40,019	38,134	39,798
San Mateo												
Santa Clara	63,577	60,944	69,405	67,480	71,753	70,199	73,868	73,283	68,441	68,617	63,509	64,585
Santa Cruz	35,053	29,869	33,586	31,057	32,336	29,507	29,977	30,660	29,735	30,047	30,408	33,815
Sonoma	1,777,771	1,613,181	1,768,797	1,671,064	1,728,543	1,690,161	1,792,064	1,812,154	1,741,110	1,766,232	1,700,588	1,765,405
Central Coast	3,109,957	2,821,975	3,091,745	2,929,042	3,049,844	2,979,434	3,159,797	3,189,336	3,057,358	3,110,770	2,994,762	3,103,922
Butte	57,411	51,173	54,597	51,485	52,653	49,442	51,070	53,455	50,921	51,560	49,816	52,915
Colusa	20,193	18,174	20,347	19,382	20,409	19,686	21,458	21,716	21,201	21,541	19,746	19,672
Glenn	671,148	624,176	686,921	675,046	685,835	645,983	672,814	720,127	698,659	717,267	686,041	675,501
Sacramento	971,402	869,566	950,325	909,500	935,822	908,842	948,193	951,395	918,511	935,843	904,115	933,940
Solano	66,980	60,000	65,613	63,716	69,203	66,804	69,810	69,831	66,218	69,740	68,184	70,064
Sutter	30,539	28,625	31,760	30,907	30,040	28,216	29,306	29,301	28,142	30,013	29,417	29,774
Tehama	187,467	158,682	175,261	165,867	160,209	149,299	169,953	166,698	157,121	165,563	161,253	192,112
Yolo	44,619	41,897	46,006	44,539	42,347	40,295	40,864	40,702	38,714	41,222	42,553	44,917
Yuba	134,737	122,413	136,728	131,445	133,230	129,506	133,099	132,812	126,215	131,055	125,391	132,637
Sacramento Valley	2,184,496	1,974,706	2,167,558	2,091,887	2,129,748	2,038,073	2,136,567	2,186,037	2,105,702	2,163,804	2,086,516	2,151,532

CONTINUED.....

TABLE 10. COMMERCIAL PRODUCTION OF ALL MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1989 - CONTINUED

(pounds)

County and District	January	February	March	April	May	June	July	August	September	October	November	December
Fresno	3,565,639	3,213,629	3,626,911	3,520,267	3,574,939	3,471,295	3,597,408	3,670,139	3,554,198	3,636,099	3,497,900	3,711,530
Kern	1,157,153	1,074,396	1,242,864	1,197,164	1,191,441	1,107,909	1,101,637	1,145,516	1,132,532	1,194,919	1,176,000	1,255,264
Kings	3,884,810	3,621,999	4,037,857	3,941,200	4,027,387	3,859,476	3,985,136	4,109,805	4,025,286	4,196,728	4,109,846	4,371,033
Madera	1,043,231	929,129	1,020,868	984,124	1,025,037	989,496	1,058,505	989,788	957,875	978,734	922,441	979,483
Merced	6,561,931	5,819,876	6,497,151	6,284,425	6,470,782	6,273,665	6,593,884	6,866,406	6,666,346	6,795,570	6,574,727	7,043,752
San Joaquin	4,005,934	3,620,402	4,020,229	3,889,152	4,079,829	3,893,757	4,054,087	4,144,917	3,998,034	4,085,670	3,951,829	4,147,834
Stanislaus	6,452,614	5,859,927	6,497,185	6,243,921	6,513,101	6,298,486	6,632,895	6,746,210	6,515,203	6,669,081	6,456,350	6,751,234
Tulare	8,816,703	8,074,454	9,067,741	8,754,756	8,955,258	8,561,929	8,903,045	9,238,281	9,281,850	9,571,936	9,427,424	10,148,756
San Joaquin Valley	35,488,015	32,213,812	36,010,806	34,815,009	35,837,774	34,456,013	35,926,597	36,911,062	36,131,324	37,128,737	36,116,517	38,408,886
Alpine												
Amador												
Calaveras												
El Dorado												
Inyo												
Mariposa												
Mono												
Nevada												
Placer	30,096	26,672	29,921	29,709	31,585	30,874	32,497	31,282	29,726	31,549	29,006	30,121
Sierra												
Tuolumne												
Sierra Mountain	30,096	26,672	29,921	29,709	31,585	30,874	32,497	31,282	29,726	31,549	29,006	30,121
Imperial	24,034	32,207	36,169	35,113	35,175	29,522	24,766	19,149	18,484	22,355	26,474	30,011
Los Angeles	233,150	206,803	235,065	211,505	212,732	207,284	214,626	233,089	224,677	223,904	214,563	219,636
Orange												
Riverside	6,161,794	5,715,106	6,371,340	6,357,991	6,556,148	6,250,839	6,314,721	6,357,618	6,166,403	6,273,436	6,195,538	6,434,689
San Bernardino	9,769,385	8,818,239	9,829,905	9,542,947	9,954,467	9,451,025	9,675,195	9,814,637	9,609,484	9,728,249	9,524,952	9,860,837
San Diego	582,811	509,666	572,478	556,088	573,969	578,403	586,506	581,068	564,495	580,170	565,086	590,496
Santa Barbara	143,816	126,417	140,792	136,036	159,175	153,867	162,002	157,749	151,335	155,124	148,816	156,459
Ventura	115,771	105,625	115,855	115,486	113,958	111,397	116,875	125,021	113,781	115,402	115,882	115,538
Southern California	17,030,761	15,514,063	17,301,604	16,955,166	17,605,624	16,782,337	17,094,691	17,288,331	16,848,659	17,098,640	16,791,311	17,407,666
State Totals	58,671,201	53,304,918	59,607,607	57,994,922	59,973,029	57,534,285	59,614,039	60,811,444	59,276,864	60,610,051	58,981,799	62,014,966

TABLE 11. COMMERCIAL PRODUCTION OF MARKET MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1989

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	55,259	49,497	54,919	57,858	58,959	9,611	9,821	9,428	7,943	7,952	7,452	7,083
Humboldt	447,334	405,194	535,905	624,378	705,129	697,972	705,426	669,924	611,735	600,023	541,609	521,099
Mendocino	42,038	42,316	48,503	49,616	49,741	46,354	48,770	47,546	43,783	43,909	41,628	44,233
North Coast	544,631	497,007	639,327	731,852	813,829	753,937	764,017	726,898	663,461	651,884	590,689	572,415
Shasta	41,061	37,768	41,577	39,412	38,551	37,003	39,747	40,967	40,052	41,971	41,747	44,354
Siskiyou	125,224	112,859	126,659	123,330	125,642	122,209	127,022	119,324	114,463	115,276	106,708	110,437
Trinity												
North Central	166,285	150,627	168,236	162,742	164,193	159,212	166,769	160,291	154,515	157,247	148,455	154,791
Lassen	6,718	6,686	7,109	7,014	6,953	6,512	7,032	6,743	6,614	6,738	7,366	6,884
Modoc												
Plumas												
North East	6,718	6,686	7,109	7,014	6,953	6,512	7,032	6,743	6,614	6,738	7,366	6,884
Alameda												
Contra Costa	125,693	116,000	123,739	122,456	129,521	127,579	133,920	138,635	133,318	133,321	129,141	130,946
Lake												
Marin	734,504	665,230	733,228	698,334	721,019	694,333	738,892	746,519	720,143	745,645	716,847	752,070
Monterey	252,096	227,743	257,499	238,692	257,902	260,487	276,637	273,039	213,548	252,072	241,448	237,182
Napa	31,826	27,711	31,284	29,248	31,036	30,723	31,858	31,689	29,906	30,016	29,969	31,925
San Benito	28,703	27,247	30,801	29,815	33,028	34,696	28,148	36,833	36,588	37,841	37,967	40,201
San Francisco												
San Luis Obispo	47,826	42,519	33,187	31,551	33,285	32,489	35,217	35,897	34,501	36,992	35,513	37,240
San Mateo												
Santa Clara	63,577	60,944	69,405	67,480	71,753	70,199	73,868	73,283	68,441	68,617	63,509	64,585
Santa Cruz	35,053	29,869	33,586	31,057	32,336	29,507	29,977	30,660	29,735	30,047	30,408	33,815
Sonoma	1,770,056	1,606,456	1,761,170	1,660,937	1,721,665	1,682,544	1,783,791	1,803,564	1,733,343	1,757,963	1,692,318	1,754,014
Central Coast	3,089,334	2,803,719	3,073,899	2,909,570	3,031,545	2,962,557	3,132,308	3,170,119	2,999,523	3,092,514	2,977,120	3,081,978
Butte	57,411	51,173	54,597	51,485	52,653	49,442	51,070	53,455	50,921	51,560	49,816	52,915
Colusa	20,193	17,914	20,347	19,382	20,138	19,398	21,458	21,716	20,907	21,541	19,252	19,672
Glenn	498,367	460,132	504,381	482,885	474,484	454,197	486,604	482,596	461,811	484,649	475,639	502,182
Sacramento	951,638	851,002	931,790	891,598	915,417	882,665	930,727	929,731	900,171	917,009	886,576	915,637
Solano	66,980	60,000	65,613	63,716	69,203	66,804	69,810	69,583	66,218	69,740	68,184	70,064
Sutter	30,539	28,625	31,760	30,907	30,040	28,216	29,306	29,301	28,142	30,013	29,417	29,774
Tehama	157,831	137,495	157,014	146,867	142,573	133,224	137,262	151,060	147,650	151,754	147,990	152,916
Yolo	44,619	41,897	46,006	44,539	41,488	40,295	40,864	40,702	38,714	41,222	42,553	44,917
Yuba	134,737	122,413	136,728	131,445	132,781	129,506	133,099	132,812	126,215	131,055	125,391	132,637
Sacramento Valley	1,962,315	1,770,651	1,948,236	1,862,824	1,878,777	1,803,747	1,900,200	1,910,956	1,840,749	1,898,543	1,844,818	1,920,714

CONTINUED...

TABLE 11. COMMERCIAL PRODUCTION OF MARKET MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1989 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	3,551,832	3,201,683	3,598,411	3,479,175	3,516,805	3,429,365	3,552,157	3,624,405	3,507,248	3,586,206	3,449,473	3,664,277
Kern	1,157,153	1,073,636	1,242,864	1,197,164	1,190,557	1,107,909	1,100,530	1,145,516	1,130,683	1,194,919	1,176,000	1,248,283
Kings	3,872,049	3,612,939	4,020,077	3,932,315	4,017,879	3,853,654	3,973,911	4,078,114	4,003,539	4,194,478	4,099,869	4,363,211
Madera	1,006,953	890,642	998,177	976,904	1,017,107	979,738	1,051,900	983,214	935,278	972,692	907,338	971,228
Merced	6,159,059	5,467,455	6,108,019	5,906,830	6,105,774	5,931,421	6,240,137	6,503,705	6,339,855	6,428,660	6,251,007	6,712,939
San Joaquin	3,891,721	3,518,416	3,910,314	3,791,251	3,978,162	3,797,849	3,956,025	4,038,555	3,900,955	3,996,621	3,878,494	4,069,403
Stanislaus	6,031,903	5,522,468	6,111,199	5,892,283	6,147,703	5,958,437	6,264,620	6,372,556	6,170,742	6,289,718	6,117,898	6,412,970
Tulare	8,781,480	8,061,552	9,049,480	8,714,466	8,911,321	8,538,052	8,875,327	9,208,410	9,233,963	9,533,629	9,388,265	10,101,151
San Joaquin Valley	34,452,150	31,348,791	35,038,541	33,890,388	34,885,308	33,596,425	35,014,607	35,954,475	35,222,263	36,196,923	35,268,344	37,543,462
Alpine												
Amador												
Calaveras												
El Dorado												
Inyo												
Mariposa												
Mono												
Nevada												
Placer	30,096	26,672	29,921	29,709	31,585	30,874	32,497	31,282	29,726	31,549	29,006	30,121
Sierra												
Tuolumne												
Sierra Mountain	30,096	26,672	29,921	29,709	31,585	30,874	32,497	31,282	29,726	31,549	29,006	30,121
Imperial	24,034	32,207	36,169	35,113	35,175	29,522	24,766	19,149	18,484	22,355	26,474	30,011
Los Angeles	233,150	206,438	235,065	211,505	212,732	207,284	214,626	233,089	224,677	223,904	214,563	219,636
Orange												
Riverside	6,151,106	5,708,168	6,363,558	6,346,288	6,542,342	6,237,548	6,302,050	6,332,325	6,156,150	6,251,734	6,185,905	6,422,687
San Bernardino	9,761,376	8,807,907	9,820,854	9,534,680	9,926,174	9,420,598	9,660,702	9,801,538	9,599,624	9,725,257	9,515,112	9,857,985
San Diego	582,811	509,666	572,478	556,088	573,969	577,594	586,506	581,068	563,876	579,416	565,086	590,496
Santa Barbara	143,816	126,417	140,792	136,036	159,175	153,867	162,002	157,749	151,335	155,124	148,816	156,459
Ventura	115,771	105,625	115,855	115,486	113,958	111,397	116,875	125,021	113,781	115,402	115,882	115,538
Southern California	17,012,064	15,496,428	17,284,771	16,935,196	17,563,525	16,737,810	17,067,527	17,249,939	16,827,927	17,073,192	16,771,838	17,392,812
State Totals	57,263,593	52,100,581	58,190,040	56,529,295	58,375,715	56,051,074	58,084,957	59,210,703	57,744,778	59,108,590	57,637,636	60,703,177

TABLE 12. COMMERCIAL PRODUCTION OF MANUFACTURING MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1989

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	25,436	20,311	31,764	49,514	60,847	58,998	60,047	58,253	52,132	49,848	41,777	36,658
Humboldt	84,806	79,059	159,537	222,987	272,632	268,895	266,025	253,211	227,373	210,834	175,400	142,091
Mendocino												
North Coast	110,242	99,370	191,301	272,501	333,479	327,893	326,072	311,464	279,505	260,682	217,177	178,749
Shasta												
Siskiyou												
Trinity												
North Central												
Lassen												
Modoc												
Plumas												
North East												
Alameda												
Contra Costa												
Lake												
Marin	2,153	2,715	221		1,376				1,003			
Monterey									39,374			
Napa												
San Benito	8,033	6,196	6,831	6,690	7,615	6,847	16,445	7,878	6,997	6,960	6,751	7,995
San Francisco												
San Luis Obispo	2,722	2,620	3,167	2,655	2,430	2,413	2,771	2,749	2,694	3,027	2,621	2,558
San Mateo												
Santa Clara												
Santa Cruz												
Sonoma	7,715	6,725	7,627	10,127	6,878	7,617	8,273	8,590	7,767	8,269	8,270	11,391
Central Coast	20,623	18,256	17,846	19,472	18,299	16,877	27,489	19,217	57,835	18,256	17,642	21,944
Butte												
Colusa		260			271	288			294		494	
Glenn	172,781	164,044	182,540	192,161	211,351	191,786	186,210	237,531	236,848	232,618	210,402	173,319
Sacramento	19,764	18,564	18,535	17,902	20,405	26,177	17,466	21,664	18,340	18,834	17,539	18,303
Solano								248				
Sutter												
Tehama	29,636	21,187	18,247	19,000	17,636	16,075	32,691	15,638	9,471	13,809	13,263	39,196
Yolo					859							
Yuba					449							
Sacramento Valley	222,181	204,055	219,322	229,063	250,971	234,326	236,367	275,081	264,953	265,261	241,698	230,818

CONTINUED...

TABLE 12. COMMERCIAL PRODUCTION OF MANUFACTURING MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1989 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	13,807	11,946	28,500	41,092	58,134	41,930	45,251	45,734	46,950	49,893	48,427	47,253
Kern		760			884		1,107		1,849			6,981
Kings	12,761	9,060	17,780	8,885	9,508	5,822	11,225	31,691	21,747	2,250	9,977	7,822
Madera	36,278	38,487	22,691	7,220	7,930	9,758	6,605	6,574	22,597	6,042	15,103	8,255
Merced	402,872	352,421	389,132	377,595	365,008	342,244	353,747	362,701	326,491	366,910	323,720	330,813
San Joaquin	114,213	101,986	109,915	97,901	101,667	95,908	98,062	106,362	97,079	89,049	73,335	78,431
Stanislaus	420,711	337,459	385,986	351,638	365,398	340,049	368,275	373,654	344,461	379,363	338,452	338,264
Tulare	35,223	12,902	18,261	40,290	43,937	23,877	27,718	29,871	47,887	38,307	39,159	47,605
San Joaquin Valley	1,035,865	865,021	972,265	924,621	952,466	859,588	911,990	956,587	909,061	931,814	848,173	865,424
Alpine												
Amador												
Calaveras												
El Dorado												
Inyo												
Mariposa												
Mono												
Nevada												
Placer												
Sierra												
Tuolumne												
Sierra Mountain												
Imperial												
Los Angeles		365										
Orange												
Riverside	10,688	6,938	7,782	11,703	13,806	13,291	12,671	25,293	10,253	21,702	9,633	12,002
San Bernardino	8,009	10,332	9,051	8,267	28,293	30,427	14,493	13,099	9,860	2,992	9,840	2,852
San Diego						809			619	754		
Santa Barbara												
Ventura												
Southern California	18,697	17,635	16,833	19,970	42,099	44,527	27,164	38,392	20,732	25,448	19,473	14,854
State Totals	1,407,608	1,204,337	1,417,567	1,465,627	1,597,314	1,483,211	1,529,082	1,600,741	1,532,086	1,501,461	1,344,163	1,311,789

AVERAGE PRICES PAID TO PRODUCERS

The California Agricultural Statistics Service estimates the prices received by producers for many crops, livestock and livestock products. The livestock products include whole milk sold in wholesale quantities. Table 13 contains the estimated quantity-weighted-average monthly prices received by California producers for the period 1979 through 1989. Data for earlier years are available in other publications and have been published in previous annual California Dairy Industry Statistics.

The average producer prices paid monthly in California for market and manufacturing milk from 1979 through 1989 are presented in Tables 14 and 15. Prices paid for market milk presented in Table 14 reflect the varying quantities of the product paid for in accordance with class use as well as varying price levels for products with the same usage. Prices paid for manufacturing milk in Table 15 reflect primarily changes in price levels. Each price series is affected to some extent by variation in the average butterfat content of milk purchased from producers. The prices presented reflect the average test of the milk actually purchased each month from producers.

TABLE 13. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR ALL WHOLE MILK, BY MONTHS, 1979-1989 1/

(dollars per hundredweight)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
1979	10.90	11.10	11.00	11.00	11.10	11.20	11.20	11.40	11.60	12.00	12.30	12.50	11.44
1980	12.76	12.71	12.54	12.54	12.53	12.55	12.49	12.68	12.89	13.42	13.66	13.81	12.88
1981	13.73	13.63	13.58	13.51	13.26	13.17	13.14	13.10	13.24	13.58	13.60	13.71	13.44
1982	13.84	13.66	13.57	13.37	12.93	12.82	12.81	12.76	12.93	13.08	13.36	13.48	13.22
1983	13.48	13.42	13.33	13.09	12.87	12.66	12.65	12.70	12.82	13.14	13.37	13.30	13.07
1984	13.18	13.04	12.82	12.66	12.49	12.43	12.57	12.48	12.72	13.14	13.45	13.34	12.86
1985	13.22	13.07	12.80	12.23	12.09	11.93	11.71	11.72	11.94	11.81	11.96	12.09	12.21
1986	11.97	11.90	11.81	11.65	11.43	11.35	11.31	11.59	11.90	12.16	12.16	12.09	11.78
1987	11.86	11.69	11.61	11.23	11.06	11.17	11.34	11.37	11.48	11.36	11.56	11.62	11.44
1988	11.39	11.11	10.90	10.70	10.69	10.59	10.55	10.60	10.87	11.08	11.29	11.71	10.96
1989	11.97	11.97	11.66	11.46	11.44	11.54	11.77	12.30	12.87	13.34	13.98	14.12	12.37

1/ Prices are f.o.b. plant.

TABLE 14. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR MARKET MILK, BY MONTHS, 1979-1989 1/

(dollars per hundredweight)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
1979	10.90	11.10	11.00	11.00	11.10	11.20	11.20	11.40	11.60	12.00	12.30	12.50	11.44
1980	12.80	12.76	12.59	12.58	12.56	12.59	12.53	12.72	12.93	13.46	13.70	13.84	12.92
1981	13.76	13.66	13.61	13.55	13.30	13.22	13.19	13.14	13.27	13.60	13.63	13.74	13.47
1982	13.87	13.69	13.60	13.41	12.97	12.86	12.85	12.79	12.96	13.11	13.39	13.50	13.25
1983	13.50	13.45	13.36	13.12	12.90	12.69	12.68	12.73	12.85	13.17	13.40	13.34	13.10
1984	13.21	13.07	12.85	12.70	12.52	12.46	12.61	12.51	12.75	13.17	13.47	13.37	12.89
1985	13.25	13.10	12.83	12.26	12.12	11.96	11.74	11.76	11.98	11.84	11.98	12.12	12.24
1986	11.99	11.92	11.83	11.67	11.45	11.37	11.33	11.61	11.92	12.18	12.18	12.10	11.80
1987	11.87	11.71	11.63	11.25	11.08	11.19	11.35	11.38	11.49	11.38	11.58	11.64	11.46
1988	11.41	11.13	10.92	10.72	10.71	10.61	10.57	10.62	10.89	11.10	11.31	11.73	10.98
1989	11.99	12.00	11.72	11.48	11.47	11.56	11.79	12.32	12.88	13.34	13.98	14.12	12.39

1/ Prices are f.o.b. plant.

TABLE 15. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR MANUFACTURING MILK, BY MONTHS, 1979-1989 1/

(dollars per hundredweight)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
1979	10.00	9.85	9.80	10.10	10.30	10.30	10.30	10.40	10.70	11.10	11.60	11.60	10.50
1980	11.56	11.44	11.34	11.69	11.75	11.61	11.62	11.72	12.01	12.36	12.68	12.77	11.88
1981	12.71	12.64	12.84	12.49	12.21	12.10	12.06	12.22	12.38	12.89	12.87	12.86	12.52
1982	12.92	12.80	12.77	12.46	12.12	12.02	11.99	12.06	12.23	12.41	12.65	12.85	12.44
1983	12.82	12.58	12.67	12.42	12.25	12.04	12.02	12.05	12.19	12.26	12.55	12.37	12.35
1984	12.31	12.05	11.99	11.77	11.79	11.66	11.73	11.82	12.02	12.46	12.79	12.55	12.08
1985	12.27	12.05	11.78	11.39	11.25	11.23	10.97	10.89	11.00	11.02	11.25	11.31	11.37
1986	11.23	11.37	11.10	11.04	10.87	10.68	10.67	10.99	11.15	11.47	11.47	11.82	11.16
1987	11.27	11.08	10.91	10.66	10.59	10.66	10.88	10.96	10.98	10.72	10.88	10.94	10.88
1988	10.40	10.20	10.01	10.03	10.01	10.01	10.00	10.00	10.25	10.41	10.64	11.02	10.25
1989	11.01	10.80	9.34	10.58	10.51	10.78	11.15	11.70	12.48	13.29	14.04	13.87	11.63

1/ Prices are f.o.b. plant.

UTILIZATION OF COMMERCIAL PRODUCTION

During 1989, approximately 23.8 percent of the total milk fat produced commercially in this State was used in fluid market milk. Fluid market milk, for the purposes of Table 16, currently includes fluid whole milk, fluid lowfat milk, fluid skim milk, and yogurt. Fluid half-and-half used 1.5 percent of the milk fat; butter, 29.1 percent; cheese, including cottage cheese, 24.4 percent; condensed and evaporated milk products, 5.3 percent; frozen dairy products, 9.4 percent; and all other manufactured products,6.5 percent. Approximately 25.3 percent of the total milk fat was used in fluid market milk and cream. Manufactured products used the remaining 74.7 percent.

Approximately 36.2 percent of the market grade milk produced in 1989 was used in Class 1 milk products and 4.3 percent was used in manufactured products where market grade milk was mandatory. The remaining 59.0 percent was used in making all other kinds of manufactured products.

TABLE 16. ESTIMATED UTILIZATION OF CALIFORNIA'S COMMERCIAL MILK FAT PRODUCTION IN SELECTED DAIRY PRODUCTS, BY YEARS, 1969-1989

Year	Fluid Market Milk 1/	Fluid Market Cream 2/	Butter	Cheese 3/	Condensed Milk Products 4/	Frozen Dairy Products	Other Manufactured Products 5/
				(percent)			
1969	52.3	6.0	15.5	2.6	5.0	13.7	4.9
1970	49.0	5.5	20.7	3.1	3.9	13.3	4.5
1971	47.1	5.1	22.1	3.4	4.0	13.0	5.3
1972	45.5	4.6	24.7	3.5	3.2	12.5	6.0
1973	45.6	4.7	24.2	4.4	3.0	12.4	5.7
1974	43.6	2.2	26.9	5.2	2.7	13.0	6.4
1975	42.2	2.2	28.1	5.9	2.7	13.2	5.7
1976	40.9	2.1	28.8	6.8	2.6	12.7	6.1
1977	40.0	2.1	29.9	7.5	2.2	12.2	6.1
1978	40.2	2.0	26.5	8.3	2.1	12.6	8.3
1979	38.8	2.0	26.9	9.2	2.1	12.1	8.9
1980	34.5	1.8	30.8	10.1	1.7	11.2	9.9
1981	32.5	1.7	30.6	11.6	1.9	11.1	10.6
1982	30.7	1.7	31.2	13.6	3.0	10.8	9.0
1983	30.8	1.7	29.3	15.7	3.9	11.4	7.2
1984	30.3	1.9	28.6	15.7	3.8	11.7	8.0
1985	27.4	1.8	30.4	18.3	4.0	10.5	7.6
1986	26.4	1.7	27.9	20.2	4.0	10.3	9.5
1987	25.4	1.6	26.9	22.4	4.2	10.0	9.5
1988	24.4	1.5	27.3	23.1	5.2	9.7	8.8
1989	23.8	1.5	29.1	24.4	5.3	9.4	6.5

1/ Includes fluid whole milk, fluid lowfat milk, concentrated fluid milk, and fluid skim milk through 1973. Yogurt is also included for the period 1974-1989.

2/ Includes fluid cream and half-and-half through 1973; half-and-half only for subsequent years.

3/ Includes cottage cheese.

4/ Includes evaporated milk and other condensed milk products.

5/ Includes sour cream and all other fluid cream for the period 1974-1989.

TABLE 17. COMMERCIAL PRODUCTION AND USAGE OF MILK IN CALIFORNIA, BY YEARS, 1972-1989 1/

	COMMERCIAL PRODUCTION			CLASS 1 USAGE	AVAILABILITY FOR MANUFACTURE				
								Relative to Production	
	Market	Manufacturing	Total		Market	Manufacturing	Total	Market	Total
				(thousand pounds)				(percent)	
1972	9,163,369	1,136,171	10,299,540	5,647,138	3,516,231	1,136,171	4,652,402	38.4	45.2
1973	9,354,250	879.237	10,233,487	5,719,894	3,634,356	879,237	4,513,593	38.9	44.1
1974	9,776,188	724,765	10,500,953	5,740,347	4,035,841	724,765	4,760,606	41.3	45.3
1975	10,060,384	695,507	10,755,891	5,837,522	4,222,862	695,507	4,918,369	42.0	45.7
1976	10,886,279	602,087	11,488,366	6,032,561	4,853,718	602,087	5,455,805	44.6	47.5
1977	11,377,410	510,659	11,888,069	6,143,455	5,233,955	510,659	5,744,614	46.0	48.3
1978	11,329,087	447,648	11,776,735	6,211,747	5,117,340	447,648	5,564,988	45.2	47.3
1979	12,029,199	459,453	12,488,652	6,292,820	5,736,379	459,453	6,195,832	47.7	49.6
1980	12,998,001	517,997	13,515,998	6,238,927	6,759,074	517,997	7,277,071	52.0	53.8
1981	13,666,750	519,853	14,186,603	6,188,714	7,478,036	519,853	7,997,889	54.7	56.4
1982	13,901,010	566,472	14,467,482	6,082,539	7,818,471	566,472	8,384,943	56.2	58.0
1983	14,104,674	588,819	14,693,493	6,177,320	7,927,354	588,819	8,516,173	56.2	58.0
1984	14,654,257	580,604	15,234,861	6,307,805	8,346,452	580,604	8,927,056	57.0	58.6
1985	16,104,954	600,443	16,705,397	6,503,604	9,601,350	600,443	10,201,793	59.6	61.1
1986	16,643,908	525,846	17,169,754	6,541,685	10,102,223	525,846	10,628,069	60.7	61.9
1987	17,340,641	525,194	17,865,835	6,566,746	10,773,895	525,194	11,299,089	62.1	63.2
1988	18,074,742	479,711	18,554,453	6,705,333	11,369,409	479,711	11,849,120	62.9	63.9
1989	18,907,492	459,338	19,366,830	6,844,624	12,062,868	459,338	12,522,206	63.8	64.7

1/ All information in this table has been derived from unrounded data. Additional detail for the years 1988 and 1989 may be found in Table 22.

TABLE 18. COMMERCIAL PRODUCTION AND USAGE OF MARKET MILK FAT AND MARKET SKIM MILK IN CALIFORNIA, BY YEARS, 1972-1989 1/

	MARKET MILK FAT				MARKET SKIM MILK			
	Commercial Production	Usage		Other usage relative to production	Commercial Production	Usage		Other usage relative to production
		Class 1	Other			Class 1	Other	
	(thousand pounds)			(percent)	(thousand pounds)			(percent)
1972	327,371	185,058	142,313	43.5	8,835,998	5,462,080	3,373,918	38.2
1973	335,933	185,344	150,589	44.8	9,018,317	5,534,550	3,483,767	38.6
1974	351,133	173,348	177,785	50.6	9,425,055	5,566,999	3,858,056	40.9
1975	364,795	173,102	191,693	52.5	9,695,589	5,664,420	4,031,169	41.6
1976	390,950	178,026	212,924	54.5	10,495,329	5,854,535	4,640,794	44.2
1977	405,943	178,958	226,985	55.9	10,971,467	5,964,497	5,006,970	45.6
1978	408,311	179,515	228,796	56.0	10,920,776	6,032,232	4,888,544	44.8
1979	426,183	180,650	245,533	57.6	11,603,016	6,112,170	5,490,846	47.3
1980	468,324	176,741	291,583	62.3	12,529,677	6,062,186	6,467,491	51.6
1981	490,629	174,337	316,292	64.5	13,176,121	6,014,377	7,161,744	54.4
1982	504,415	170,381	334,034	66.2	13,396,595	5,912,158	7,484,437	55.9
1983	506,076	171,767	334,309	66.1	13,598,598	6,005,553	7,593,045	55.8
1984	522,989	174,159	348,830	66.7	14,131,268	6,133,646	7,997,622	56.6
1985	586,824	177,182	409,642	69.8	15,518,130	6,326,422	9,191,708	59.2
1986	603,432	175,376	428,056	70.9	16,040,476	6,366,309	9,674,167	60.3
1987	628,634	174,998	453,636	72.2	16,712,007	6,391,748	10,320,259	61.8
1988	661,511	176,285	485,226	73.4	17,413,231	6,529,048	10,884,183	62.5
1989	691,000	178,579	512,421	74.2	18,216,492	6,666,045	11,550,447	63.4

1/ All information in this table has been derived from unrounded data. Additional detail for the years 1988 and 1989 may be found in Tables 23 and 24.

TABLE 19. COMMERCIAL PRODUCTION OF MILK FAT AND SKIM MILK IN CALIFORNIA AVAILABLE FOR MANUFACTURE, BY YEARS, 1972-1989 1/

	QUANTITIES AVAILABLE FOR MANUFACTURE							
	MILK FAT				SKIM MILK			
	Manufacturing	Market	Total	Relative to Production 2/	Manufacturing	Market	Total	Relative to Production 3/
	(thousand pounds)			(percent)	(thousand pounds)			(percent)
1972	41,940	142,313	184,253	49.9	1,094,231	3,373,918	4,468,149	45.0
1973	32,646	150,589	183,235	49.7	846,591	3,483,767	4,330,358	43.9
1974	26,748	177,785	204,533	54.1	698,017	3,858,056	4,556,073	45.0
1975	25,960	191,693	217,653	55.7	669,547	4,031,169	4,700,716	45.4
1976	22,562	212,924	235,486	56.9	579,525	4,640,794	5,220,319	47.1
1977	18,958	226,985	245,943	57.9	491,701	5,006,970	5,498,671	48.0
1978	16,816	228,796	245,612	57.8	430,832	4,888,544	5,319,376	46.9
1979	16,881	245,533	262,414	59.2	442,572	5,490,846	5,933,418	49.3
1980	19,050	291,583	310,633	63.7	498,947	6,467,491	6,966,438	53.5
1981	19,147	316,292	335,439	65.8	500,706	7,161,744	7,662,450	56.0
1982	20,954	334,034	354,988	67.6	545,518	7,484,437	8,029,955	57.6
1983	21,556	334,309	355,865	67.4	567,263	7,593,045	8,160,308	57.6
1984	21,244	348,830	370,074	68.0	559,360	7,997,622	8,556,982	58.2
1985	22,472	409,642	432,114	70.9	577,971	9,191,708	9,769,679	60.7
1986	19,646	428,056	447,702	71.8	506,199	9,674,167	10,180,366	61.5
1987	19,591	453,636	473,227	73.0	505,603	10,320,259	10,825,862	62.9
1988	18,035	485,226	503,261	74.1	461,676	10,884,183	11,345,859	63.5
1989	17,395	512,421	529,816	74.8	441,943	11,550,447	11,992,390	64.3

1/ All information in this table has been derived from unrounded data. Additional detail for the years 1988 and 1989 may be found in Tables 23 and 24.

2/ The total commercial production of milk fat is presented in column 2 of Table 23.

3/ The total commercial production of skim milk is presented in column 2 of Table 24.

TABLE 20. SALES OF CALIFORNIA CLASS 1 MARKET MILK PRODUCTS, BY MONTHS, 1989

	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Market Whole Milk	30,137,886	27,419,230	31,045,463	27,850,118	30,027,534	29,852,721	29,124,333	30,530,827	30,356,854	30,206,261	28,594,014	29,591,540
Market Lowfat Milk	27,370,006	24,991,595	28,424,321	25,982,047	27,691,688	26,455,327	25,520,033	26,704,237	28,686,115	29,217,876	27,505,414	27,846,734
Market Skim Milk	6,236,766	5,968,520	6,920,683	6,310,611	6,798,071	6,512,812	6,207,331	6,535,662	7,195,161	7,421,689	6,963,529	6,845,044
Half-and-Half	943,334	880,469	1,003,712	856,867	949,772	967,328	870,659	967,077	905,643	938,992	947,596	1,040,314
Yogurt	1,772,573	1,681,149	1,933,204	1,870,782	1,871,241	1,628,169	1,695,014	1,842,850	1,645,092	1,682,668	1,449,059	1,269,848
Other Class 1 Products	58,531	90,233	67,931	85,152	104,166	83,021	53,789	107,292	112,843	111,029	104,697	101,269
Total Class 1	66,519,096	61,031,196	69,395,314	62,955,577	67,442,472	65,499,378	63,471,159	66,687,945	68,901,708	69,578,515	65,564,309	66,694,749

MILK FAT SOLD IN CALIFORNIA CLASS 1 MARKET MILK PRODUCTS

	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Market Whole Milk	9,042,875	8,227,319	9,314,635	8,356,648	9,010,224	8,959,983	8,772,715	9,127,561	9,137,413	9,092,252	8,609,908	8,906,388
Market Lowfat Milk	4,552,603	4,160,617	4,716,678	4,311,482	4,608,993	4,424,630	4,638,819	4,738,559	5,210,833	5,307,625	4,998,782	5,058,010
Market Skim Milk	124,485	119,566	138,133	126,697	135,774	131,721	133,956	131,704	155,236	160,129	150,307	147,754
Half-and-Half	855,342	798,048	907,866	775,275	861,002	876,624	782,361	871,782	812,090	841,908	844,960	932,850
Yogurt	290,312	275,339	316,620	306,397	306,472	266,662	277,609	301,822	269,433	275,587	237,327	207,976
Other Class 1 Products	12,242	15,277	7,208	14,250	10,984	11,184	9,136	13,028	13,730	10,891	14,375	13,656
Total Class 1	14,877,859	13,596,166	15,401,140	13,890,749	14,933,449	14,670,804	14,614,596	15,184,456	15,598,735	15,688,392	14,855,659	15,266,634

TABLE 21. PRODUCTION OF SELECTED MANDATORY CLASS 2 PRODUCTS AND USAGE OF MARKET MILK FAT IN THESE PRODUCTS IN CALIFORNIA, BY MONTHS, 1989

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
						(product pounds)						
Sour Cream and Sour Cream Dressing	8,064,812	7,823,925	9,866,813	8,177,777	9,622,462	9,438,468	8,482,476	9,740,610	8,505,650	9,075,334	11,417,814	10,493,729
All Other Market Cream	5,070,742	5,438,545	7,037,034	5,610,168	7,537,101	6,992,385	6,584,811	7,205,814	6,656,145	7,363,367	9,357,042	6,859,995
Buttermilk	7,116,181	6,680,345	7,702,616	7,133,265	7,628,717	7,452,809	7,364,290	7,411,062	6,830,324	7,086,511	7,106,785	6,996,604
Creamed Cottage Cheese 1/	1,632,043	1,571,610	1,805,879	1,653,202	1,800,196	1,736,890	1,660,034	1,759,801	1,564,465	1,615,165	1,446,605	1,365,339
Lowfat Cottage Cheese 1/	1,520,465	1,457,914	1,753,286	1,705,592	1,761,348	1,713,903	1,704,829	1,820,103	1,648,045	1,685,123	1,493,003	1,300,919
Cottage Cheese, Dry Curd 2/	35,961,188	34,540,578	41,176,344	38,058,878	39,449,899	39,207,918	36,968,193	42,684,362	32,944,331	38,108,715	33,691,439	30,918,578
Filled and Imitation Products	49,042	26,812	74,043	53,826	45,872	58,699	44,041	55,960	38,819	50,091	43,328	37,230
Yogurt(Out-of-State Sales)	4,548,996	4,421,174	5,072,512	4,234,382	4,682,451	3,943,470	3,933,348	3,765,699	4,252,915	4,023,768	2,919,064	3,339,776
Total	63,963,469	61,960,903	74,488,528	66,627,090	72,528,046	70,544,541	66,742,022	74,443,412	62,440,695	69,008,073	67,475,080	61,312,169
						(pounds of market milk fat)						
Sour Cream and Sour Cream Dressing	1,618,675	1,570,327	1,980,352	1,641,348	1,931,309	1,894,380	1,702,504	1,955,022	1,707,155	1,821,496	2,291,651	2,106,179
All Other Market Cream	1,658,091	1,778,359	2,301,052	1,834,478	2,464,569	2,286,452	2,153,179	2,356,241	2,176,504	2,407,760	3,059,675	2,243,161
Buttermilk	33,022	30,999	35,743	33,101	35,400	34,584	34,173	34,390	31,695	32,884	32,978	32,467
Creamed Cottage Cheese 3/	236,646	227,883	261,852	239,714	261,028	251,849	240,705	255,171	226,847	234,199	209,758	197,974
Lowfat Cottage Cheese 4/	83,626	80,185	96,431	93,808	96,874	94,265	93,766	100,106	90,642	92,682	82,115	71,551
Cottage Cheese, Dry Curd												
Filled and Imitation Products												
Yogurt(Out-of-State Sales)	83,575	81,226	93,193	77,794	86,026	72,450	72,264	69,184	78,135	73,925	53,629	61,359
Total	3,713,634	3,768,981	4,768,622	3,920,244	4,875,207	4,633,979	4,296,590	4,770,114	4,310,979	4,662,945	5,729,806	4,712,691

1/ Approximately 0.34 pound of creaming mixture is added to each pound of curd in the creaming process.

2/ Approximately 7.14 pounds of skim milk are required to make one pound of dry curd.

3/ Creaming mixture for creamed cottage cheese tests 14.5 percent.

4/ Creaming mixture for lowfat cottage cheese tests 5.5 percent.

TABLE 22. UTILIZATION OF MARKET AND MANUFACTURING MILK PRODUCTION IN CALIFORNIA, BY MONTHS, 1988-1989

YEAR AND MONTH	COMMERCIAL MILK PRODUCTION	MARKET MILK PRODUCTION AND USAGE							MANUFACTURING MILK PRODUCTION	MILK AVAILABLE FOR MANUFACTURE 3/	
		PRODUCTION	USAGE								
			CLASS 1		MANDATORY CLASS 2		ALL OTHER				
	TOTAL 1/	TOTAL	TOTAL	RELATIVE TO PRODUCTION 2/	TOTAL	RELATIVE TO PRODUCTION	TOTAL	RELATIVE TO PRODUCTION	TOTAL	TOTAL	RELATIVE TO COMMERCIAL PRODUCTION
	- (thousand pounds) -		(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	- (thousand pounds) -		(percent)
1988	18,554,453	18,074,742	6,705,333	37.1	893,624	4.9	10,475,785	58.0	479,711	10,955,496	59.0
1989	19,366,830	18,907,492	6,844,624	36.2	820,984	4.3	11,241,884	59.4	459,338	11,701,222	60.4
1988											
January	1,448,316	1,416,949	545,026	38.5	74,779	5.3	797,144	56.2	31,367	828,511	57.2
February	1,402,256	1,370,329	529,779	38.7	74,014	5.4	766,536	55.9	31,927	798,463	56.9
March	1,559,926	1,521,398	579,772	38.1	83,776	5.5	857,850	56.4	38,528	896,377	57.5
April	1,574,643	1,534,167	549,804	35.8	77,412	5.0	906,952	59.1	40,476	947,428	60.2
May	1,651,219	1,605,172	553,155	34.5	83,216	5.2	968,801	60.4	46,046	1,014,848	61.5
June	1,618,951	1,569,950	543,804	34.6	74,090	4.7	952,055	60.6	49,001	1,001,056	61.8
July	1,626,697	1,578,751	532,840	33.8	72,605	4.6	973,306	61.6	47,946	1,021,252	62.8
August	1,619,533	1,573,914	575,854	36.6	77,157	4.9	920,903	58.5	45,619	966,522	59.7
September	1,512,743	1,473,156	583,652	39.6	67,186	4.6	822,318	55.8	39,587	861,904	57.0
October	1,550,192	1,511,270	579,870	38.4	68,342	4.5	863,058	57.1	38,922	901,980	58.2
November	1,478,757	1,443,149	561,268	38.9	72,219	5.0	809,662	56.1	35,608	845,270	57.2
December	1,511,221	1,476,537	570,510	38.6	68,826	4.7	837,201	56.7	34,684	871,885	57.7
1989											
January	1,506,815	1,471,765	573,599	39.0	64,655	4.4	833,511	56.6	35,050	868,561	57.6
February	1,398,880	1,367,937	526,278	38.5	62,536	4.6	779,123	57.0	30,943	810,067	57.9
March	1,615,809	1,578,377	598,407	37.9	74,918	4.7	905,052	57.3	37,432	942,484	58.3
April	1,618,878	1,579,016	542,892	34.4	67,245	4.2	968,879	61.4	39,861	1,008,740	62.3
May	1,687,294	1,643,635	581,574	35.4	73,521	4.5	988,540	60.1	43,660	1,032,199	61.2
June	1,632,774	1,592,081	564,787	35.5	71,386	4.5	955,907	60.0	40,693	996,601	61.0
July	1,694,496	1,652,554	547,296	33.1	67,737	4.1	1,037,521	62.8	41,942	1,079,464	63.7
August	1,712,909	1,669,360	575,026	34.4	75,170	4.5	1,019,163	61.0	43,550	1,062,713	62.0
September	1,630,662	1,590,368	594,183	37.4	63,176	4.0	933,008	58.7	40,294	973,303	59.7
October	1,644,915	1,606,208	600,036	37.4	69,401	4.3	936,771	58.3	38,707	975,478	59.3
November	1,581,877	1,547,527	565,409	36.5	68,518	4.4	913,600	59.0	34,350	947,950	59.9
December	1,641,521	1,608,665	575,136	35.8	62,721	3.9	970,808	60.3	32,856	1,003,664	61.1

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be derived from Tables 7, 8, 9, 20, and 21.

2/ All percentages have been computed from unrounded data.

3/ The milk available for manufacturing purposes in California is Total Commercial Milk Production excluding Market Milk Class 1 and Mandatory Class 2 Milk Usage.

TABLE 23. UTILIZATION OF MARKET AND MANUFACTURING MILK FAT PRODUCTION IN CALIFORNIA, BY MONTHS, 1988-1989

YEAR AND MONTH	COMMERCIAL MILK FAT PRODUCTION	MARKET MILK FAT PRODUCTION AND USAGE							MANUFACTURING MILK FAT PRODUCTION	MILK FAT AVAILABLE FOR MANUFACTURE 3/	
		PRODUCTION	USAGE								
			CLASS 1		MANDATORY CLASS 2		ALL OTHER				
	TOTAL 1/	TOTAL	TOTAL	RELATIVE TO PRODUCTION 2/	TOTAL	RELATIVE TO PRODUCTION	TOTAL	RELATIVE TO PRODUCTION	TOTAL	TOTAL	RELATIVE TO COMMERCIAL PRODUCTION
	- (thousand pounds) -		(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	- (thousand pounds) -		(percent)
1988	679,546	661,511	176,285	26.6	55,118	8.3	430,108	65.0	18,035	448,143	65.9
1989	708,395	691,000	178,579	25.8	54,686	7.9	457,735	66.2	17,395	475,130	67.1
1988											
January	55,935	54,685	14,309	26.2	3,691	6.8	36,685	67.1	1,250	37,935	67.8
February	52,691	51,469	13,865	26.9	3,945	7.7	33,659	65.4	1,222	34,880	66.2
March	56,995	55,566	15,178	27.3	4,664	8.4	35,724	64.3	1,429	37,154	65.2
April	56,725	55,236	14,386	26.0	4,574	8.3	36,276	65.7	1,489	37,765	66.6
May	59,398	57,693	14,405	25.0	4,772	8.3	38,516	66.8	1,704	40,220	67.7
June	57,436	55,657	14,338	25.8	4,666	8.4	36,653	65.8	1,779	38,432	66.9
July	57,277	55,548	14,165	25.5	4,433	8.0	36,949	66.5	1,730	38,679	67.5
August	57,226	55,560	15,406	27.7	4,596	8.3	35,559	64.0	1,666	37,224	65.0
September	54,594	53,113	15,291	28.8	3,999	7.5	33,824	63.7	1,481	35,305	64.7
October	57,002	55,515	15,111	27.2	4,634	8.3	35,771	64.4	1,486	37,258	65.4
November	55,709	54,308	14,725	27.1	5,818	10.7	33,765	62.2	1,401	35,166	63.1
December	58,557	57,160	15,107	26.4	5,326	9.3	36,728	64.2	1,396	38,125	65.1
1989											
January	58,671	57,264	14,878	26.0	3,754	6.6	38,631	67.5	1,408	40,039	68.2
February	53,305	52,100	13,596	26.1	3,805	7.3	34,700	66.6	1,204	35,904	67.4
March	59,608	58,190	15,401	26.5	4,795	8.2	37,994	65.3	1,418	39,411	66.1
April	57,995	56,529	13,891	24.6	3,958	7.0	38,681	68.4	1,466	40,146	69.2
May	59,973	58,376	14,933	25.6	4,921	8.4	38,521	66.0	1,597	40,119	66.9
June	57,534	56,051	14,671	26.2	4,680	8.4	36,700	65.5	1,483	38,183	66.4
July	59,614	58,085	14,614	25.2	4,333	7.5	39,137	67.4	1,529	40,666	68.2
August	60,811	59,211	15,184	25.6	4,814	8.1	39,212	66.2	1,601	40,813	67.1
September	59,277	57,745	15,599	27.0	4,345	7.5	37,801	65.5	1,532	39,333	66.4
October	60,610	59,108	15,688	26.5	4,689	7.9	38,731	65.5	1,501	40,233	66.4
November	58,982	57,638	14,856	25.8	5,799	10.1	36,983	64.2	1,344	38,327	65.0
December	62,015	60,703	15,267	25.2	4,793	7.9	40,643	67.0	1,312	41,955	67.6

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be derived from Tables 10, 11, 12, 20, and 21.

2/ All percentages have been computed from unrounded data.

3/ The milk fat available for manufacturing purposes in California is Total Commercial Milk Fat Production excluding Market Milk Class 1 and Mandatory Class 2 Milk Fat Usage.

TABLE 24. UTILIZATION OF MARKET AND MANUFACTURING SKIM MILK PRODUCTION IN CALIFORNIA, BY MONTHS, 1988-1989

YEAR AND MONTH	COMMERCIAL SKIM MILK PRODUCTION	MARKET SKIM MILK PRODUCTION AND USAGE							MANUFACTURING SKIM MILK PRODUCTION	SKIM MILK AVAILABLE FOR MANUFACTURE 3/	
		PRODUCTION	USAGE								
			CLASS 1		MANDATORY CLASS 2		ALL OTHER				
	TOTAL 1/	TOTAL	TOTAL	RELATIVE TO PRODUCTION 2/	TOTAL	RELATIVE TO PRODUCTION	TOTAL	RELATIVE TO PRODUCTION	TOTAL	TOTAL	RELATIVE TO COMMERCIAL PRODUCTION
	- (thousand pounds) -		(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	- (thousand pounds) -		(percent)
1988	17,874,907	17,413,231	6,529,048	37.5	838,506	4.8	10,045,677	57.7	461,676	10,507,353	58.8
1989	18,658,435	18,216,492	6,666,045	36.6	766,298	4.2	10,784,149	59.2	441,943	11,226,092	60.2
1988											
January	1,392,380	1,362,264	530,716	39.0	71,088	5.2	760,459	55.8	30,117	790,576	56.8
February	1,349,565	1,318,860	515,913	39.1	70,069	5.3	732,878	55.6	30,705	763,582	56.6
March	1,502,931	1,465,832	564,595	38.5	79,112	5.4	822,125	56.1	37,098	859,224	57.2
April	1,517,918	1,478,931	535,418	36.2	72,838	4.9	870,676	58.9	38,987	909,662	59.9
May	1,591,821	1,547,479	538,749	34.8	78,444	5.1	930,285	60.1	44,342	974,627	61.2
June	1,561,515	1,514,293	529,466	35.0	69,424	4.6	915,403	60.4	47,222	962,624	61.6
July	1,569,420	1,523,204	518,675	34.0	68,172	4.5	936,356	61.5	46,216	982,573	62.6
August	1,562,307	1,518,354	560,449	36.9	72,561	4.8	885,344	58.3	43,953	929,297	59.5
September	1,458,148	1,420,042	568,361	40.0	63,187	4.4	788,494	55.5	38,106	826,600	56.7
October	1,493,190	1,455,754	564,759	38.8	63,708	4.4	827,287	56.8	37,435	864,722	57.9
November	1,423,048	1,388,842	546,543	39.4	66,401	4.8	775,898	55.9	34,207	810,104	56.9
December	1,452,664	1,419,376	555,403	39.1	63,500	4.5	800,473	56.4	33,288	833,760	57.4
1989											
January	1,448,144	1,414,501	558,721	39.5	60,901	4.3	794,880	56.2	33,642	828,522	57.2
February	1,345,575	1,315,836	512,682	39.0	58,731	4.5	744,424	56.6	29,739	774,162	57.5
March	1,556,201	1,520,187	583,006	38.4	70,123	4.6	867,058	57.0	36,014	903,072	58.0
April	1,560,883	1,522,487	529,002	34.7	63,288	4.2	930,198	61.1	38,396	968,593	62.0
May	1,627,322	1,585,259	566,641	35.7	68,600	4.3	950,018	59.9	42,062	992,080	61.0
June	1,575,240	1,536,030	550,116	35.8	66,706	4.3	919,207	59.8	39,210	958,418	60.8
July	1,634,882	1,594,468	532,681	33.4	63,403	4.0	998,384	62.6	40,413	1,038,797	63.5
August	1,652,098	1,610,149	559,842	34.8	70,356	4.4	979,950	60.9	41,949	1,021,899	61.8
September	1,571,385	1,532,623	578,585	37.8	58,831	3.8	895,208	58.4	38,762	933,970	59.4
October	1,584,305	1,547,099	584,348	37.8	64,712	4.2	898,040	58.0	37,205	935,245	59.0
November	1,522,895	1,489,889	550,554	37.0	62,719	4.2	876,617	58.8	33,006	909,622	59.7
December	1,579,506	1,547,962	559,869	36.2	57,928	3.7	930,165	60.1	31,544	961,709	60.9

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be derived from Tables 7, 8, 9, 10, 11, 12, 20, and 21.

2/ All percentages have been computed from unrounded data.

3/ The skim milk available for manufacturing purposes in California is Total Commercial Skim Milk Production excluding Market Milk Class 1 and Mandatory Class 2 Skim Milk Usage.

SALES OF CLASS 1 MARKET MILK PRODUCTS

Total sales of Class 1 market milk products in California during 1989 amounted to approximately 793.7 million gallons. This included 681.1 million gallons of fluid whole and lowfat milk, 79.9 million gallons of fluid skim milk, 11.3 million gallons of half-and-half, and 21.4 million gallons of yogurt and miscellaneous Class 1 products. The sales of fluid whole and lowfat milk included approximately 11.1 million gallons to the Federal Government and 670.1 million gallons to the remainder of the population, the civilian trade.

Beginning in January 1974, changes were made in the usage-classification of several products made with market grade milk. The changes which are reflected in this section are the following: (1) The product called flavored dairy drink was replaced by flavored lowfat milk and flavored nonfat milk and included as components of lowfat milk sales and fluid skim milk sales, respectively; (2) all fluid cream items except half-and-half became Class 2 usage items; and (3) yogurt sales in California plus sales of the Class 1 skim portion of imitation milk products have been included as part of Class 1 sales. Because of these changes, valid comparisons between 1988 Class 1 sales and Class 1 sales for years prior to 1974 are difficult to make.

Between 1988 and 1989, total Class 1 sales increased approximately 2.1 percent. Sales of fluid whole and lowfat milk increased 0.7 percent, sales of fluid skim milk increased 18.3 percent, and sales of fluid half-and-half were up 1.0 percent.

A summary of fluid milk sales by types of trade in California for the years 1972 through 1989 is presented in Table 36. During 1989, sales of market whole milk and lowfat milk to the wholesale trade (stores, restaurants, schools, hospitals, etc.) by distributors on their own routes represented 83.2 percent of total sales; sales by distributors on their own routes to retail customers accounted for 0.1 percent; sales to retail customers cash-and-carry at the ranch and/or processing plant, 0.2 percent; sales to subdistributors (peddlers) for resale to the trade, 14.8 percent; and sales to the Federal Government, 1.6 percent.

TABLE 25. SALES OF CLASS 1 MARKET MILK PRODUCTS IN CALIFORNIA, BY YEARS, 1972-1989

	Whole and Lowfat Milk			Market Skim Milk	Flavored Dairy Drink	Half and Half	Market Cream			Total Class 1 2/
	Total 1/	Federal Government	Other				Total	Sour	Other	
					(thousand gallons)					
1972	594,110	30,628	563,482	39,738	10,231	8,087	4,478	3,581	897	656,644
1973	600,990	30,178	570,812	41,523	9,820	8,166	4,605	3,773	832	665,104
1974	601,450	27,972	573,478	43,639		8,212				667,482
1975	609,327	23,428	585,899	46,263		8,207				678,782
1976	634,292	21,683	612,609	46,540	Included in Market Whole, Lowfat, and Skim Milk	8,516	No longer Class 1 products			701,461
1977	646,060	20,254	625,806	47,312		8,614				714,355
1978	654,784	18,077	636,707	46,097		9,095				722,296
1979	662,761	17,203	645,558	45,046		9,378				731,723
1980	655,269	16,243	639,026	44,694		9,394				725,455
1981	650,965	15,476	635,489	44,170		9,650				719,615
1982	640,484	15,340	625,144	42,429		9,700				707,272
1983	648,682	15,970	632,712	42,768		10,068				718,273
1984	657,391	15,725	641,666	47,406		11,247				733,466
1985	671,882	15,141	656,741	52,662		11,958				756,233
1986	670,727	19,179	651,548	56,110		11,707				758,778
1987	669,779	11,069	658,710	59,770		10,949				761,629
1988	676,437	10,178	666,259	67,544		11,155				777,666
1989	681,132	11,071	670,061	79,916		11,272				793,741
1986										
January	57,831	1,618	56,213	4,770		1,024				65,326
February	52,313	1,320	50,993	4,440		934				59,264
March	56,369	1,646	54,723	4,795	Included in Market Whole, Lowfat, and Skim Milk	1,033	No longer Class 1 products			64,082
April	55,520	1,560	53,960	4,819		1,025				63,200
May	56,822	1,534	55,288	4,940		1,022				64,663
June	53,022	1,378	51,644	4,408		903				60,061
July	54,979	1,506	53,473	4,340		947				62,069
August	56,075	1,493	54,582	4,366		970				63,061
September	56,710	1,664	55,046	4,794		939				64,281
October	58,343	1,804	56,539	5,095		980				66,044
November	55,317	1,858	53,460	4,710		903				62,377
December	57,426	1,799	55,626	4,632		1,028				64,349
1987										
January	57,105	1,133	55,972	4,909		914				64,546
February	52,077	987	51,090	4,686		900				59,280
March	58,336	981	57,356	5,328	Included in Market Whole, Lowfat, and Skim Milk	992	No longer Class 1 products			66,531
April	53,975	1,107	52,868	4,899		859				61,550
May	55,220	1,236	53,983	5,039		885				63,010
June	55,470	868	54,602	4,852		935				63,310
July	55,212	903	54,308	4,603		920				62,419
August	54,389	660	53,729	4,524		835				61,618
September	57,281	767	56,513	5,144		885				65,262
October	59,486	889	58,597	5,652		874				67,882
November	53,870	736	53,133	5,043		908				61,298
December	57,358	801	56,558	5,089		1,041				64,922
1988										
January	55,176	783	54,393	5,352		894				63,209
February	53,349	860	52,489	5,323		859				61,441
March	58,328	1,080	57,248	5,874	Included in Market Whole, Lowfat, and Skim Milk	955	No longer Class 1 products			67,239
April	55,404	944	54,461	5,520		880				63,763
May	55,570	816	54,754	5,703		860				64,151
June	54,707	863	53,844	5,468		922				63,071
July	54,024	785	53,240	5,104		876				61,802
August	58,466	772	57,693	5,375		960				66,794
September	58,795	842	57,953	5,938		899				67,689
October	58,208	829	57,379	6,201		964				67,248
November	56,558	799	55,759	5,892		1,005				65,092
December	57,852	805	57,047	5,793		1,080				66,166
1989										
January	57,508	978	56,530	6,237		943				66,519
February	52,411	825	51,586	5,968		880				61,031
March	59,470	1,008	58,462	6,921	Included in Market Whole, Lowfat, and Skim Milk	1,004	No longer Class 1 products			69,395
April	53,832	938	52,894	6,311		857				62,956
May	57,719	841	56,878	6,798		950				67,442
June	56,308	854	55,454	6,513		967				65,499
July	54,644	908	53,736	6,207		871				63,471
August	57,235	933	56,302	6,536		967				66,688
September	59,043	897	58,146	7,195		906				68,902
October	59,424	959	58,465	7,422		939				69,578
November	56,099	976	55,123	6,964		948				65,564
December	57,438	954	56,484	6,845		1,040				66,695

1/ Monthly and annual totals have been derived from unrounded data published in Tables 28, 30, 33, 34, and 35. Therefore, the sum of monthly data may not equal annual totals.

2/ Subsequent to 1973, total Class 1 includes yogurt and miscellaneous Class 1 products.

TABLE 26. CLASS 1 SALES OF SELECTED FLUID MARKET MILK PRODUCTS IN CALIFORNIA, BY MARKETING AREAS, 1989

Marketing Area	Market Whole Milk	Market Lowfat Milk	Market Skim Milk	Half-and-Half	Total Class 1
		(gallons)			
Northern California	99,338,267	120,429,175	27,436,593	4,878,486	1/
South Valley	27,014,272	21,398,050	3,623,704	431,698	
Southern California	226,418,056	182,358,913	48,358,950	5,877,635	
Del Norte-Humboldt	1,610,299	1,808,360	402,491	63,069	
Out of Area	355,887	400,895	94,141	20,875	
State Totals	354,736,781	326,395,393	79,915,879	11,271,763	793,741,418

1/ Sales of yogurt and miscellaneous Class 1 products are not available by marketing areas.

TABLE 27. CLASS 1 SALES OF SELECTED MARKET MILK PRODUCTS IN CALIFORNIA, BY MARKETING AREAS, BY MONTHS, 1989 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	21,541,583	19,438,743	21,966,127	19,895,049	21,712,057	20,639,055	20,471,158	21,494,621	21,554,939	22,081,520	20,458,952	20,828,717
South Valley	4,382,587	3,929,331	4,330,508	4,126,054	4,369,853	4,006,885	4,100,377	4,548,743	4,552,440	4,859,026	4,678,587	4,583,333
Southern California	38,369,955	35,535,845	40,694,510	36,610,452	38,968,284	38,746,109	36,764,822	38,149,695	40,655,514	40,438,932	38,512,781	39,566,655
Del Norte-Humboldt	320,007	290,671	325,376	301,624	339,555	318,229	305,643	459,115	312,791	330,154	295,098	285,956
Out of Area	73,860	65,224	77,658	66,464	77,316	77,910	80,356	85,629	68,089	75,186	65,135	58,971
State Totals	64,687,992	59,259,814	67,394,179	60,999,643	65,467,065	63,788,188	61,722,356	64,737,803	67,143,773	67,784,818	64,010,553	65,323,632

1/ Sales of yogurt and miscellaneous Class 1 products are not included because they are not available by marketing areas.

TABLE 28. TOTAL SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1989 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	19,031,821	17,060,083	19,199,091	17,376,764	18,975,102	17,990,246	17,821,166	18,683,381	18,733,923	19,182,129	17,707,588	18,006,148
South Valley	4,075,027	3,638,626	4,004,366	3,812,146	4,044,006	3,699,321	3,769,660	4,181,533	4,189,215	4,474,464	4,308,129	4,215,829
Southern California	34,050,588	31,396,774	35,910,225	32,318,554	34,332,498	34,271,060	32,715,660	33,895,246	35,787,567	35,414,101	33,769,844	34,914,852
Del Norte-Humboldt	285,313	258,040	288,481	266,873	300,307	280,020	268,196	401,077	273,645	288,664	257,552	250,491
Out of Area	65,143	57,302	67,621	57,828	67,309	67,401	69,684	73,827	58,619	64,779	56,315	50,954
State Totals	57,507,892	52,410,825	59,469,784	53,832,165	57,719,222	56,308,048	54,644,366	57,235,064	59,042,969	59,424,137	56,099,428	57,438,274

1/ Sales of market whole milk and lowfat milk to the Federal Government are included.

TABLE 29. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1989 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	18,735,225	16,802,871	18,868,711	17,064,352	18,772,873	17,751,938	17,595,911	18,440,496	18,419,540	18,849,912	17,391,002	17,695,885
South Valley	4,059,668	3,625,671	3,990,643	3,798,374	4,030,140	3,687,326	3,738,872	4,142,218	4,154,624	4,434,569	4,267,960	4,174,985
Southern California	33,385,177	30,842,216	35,247,146	31,706,901	33,707,614	33,667,729	32,063,631	33,244,956	35,239,833	34,827,455	33,150,215	34,311,945
Del Norte-Humboldt	285,133	257,872	288,109	266,657	300,013	279,750	268,034	400,837	273,429	288,358	257,348	250,293
Out of Area	65,143	57,302	67,621	57,828	67,309	67,401	69,684	73,827	58,619	64,779	56,315	50,954
State Totals	56,530,346	51,585,932	58,462,230	52,894,112	56,877,949	55,454,144	53,736,132	56,302,334	58,146,045	58,465,073	55,122,840	56,484,062

1/ Sales of market whole milk and lowfat milk to the Federal Government are not included. They are shown separately in Table 30.

TABLE 30. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA TO THE FEDERAL GOVERNMENT BY MARKETING AREAS, 1989

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	296,596	257,212	330,380	312,412	202,229	238,308	225,255	242,885	314,383	332,217	316,586	310,263
South Valley	15,359	12,955	13,723	13,772	13,866	11,995	30,788	39,315	34,591	39,895	40,169	40,844
Southern California	665,411	554,558	663,079	611,653	624,884	603,331	652,029	650,290	547,734	586,646	619,629	602,907
Del Norte-Humboldt	180	168	372	216	294	270	162	240	216	306	204	198
Out of Area												
State Totals	977,546	824,893	1,007,554	938,053	841,273	853,904	908,234	932,730	896,924	959,064	976,588	954,212

TABLE 31. SALES OF MARKET WHOLE MILK IN CALIFORNIA, BY MARKETING AREAS, 1989

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	8,700,495	7,741,110	8,677,936	7,785,484	8,569,015	8,302,822	8,301,937	8,732,175	8,322,307	8,430,434	7,744,306	8,030,246
South Valley	2,272,681	2,027,401	2,237,104	2,084,949	2,237,863	2,155,394	2,229,418	2,451,661	2,296,998	2,402,356	2,313,471	2,304,976
Southern California	18,995,134	17,500,323	19,962,116	17,827,876	19,049,229	19,228,640	18,430,087	19,119,429	19,583,829	19,212,065	18,391,949	19,117,379
Del Norte-Humboldt	138,906	123,097	136,740	125,013	140,352	134,384	129,504	192,434	126,049	131,116	117,825	114,879
Out of Area	30,670	27,299	31,567	26,796	31,075	31,481	33,387	35,128	27,671	30,290	26,463	24,060
State Totals	30,137,886	27,419,230	31,045,463	27,850,118	30,027,534	29,852,721	29,124,333	30,530,827	30,356,854	30,206,261	28,594,014	29,591,540

TABLE 32. SALES OF LOWFAT MARKET MILK IN CALIFORNIA, BY MARKETING AREAS, 1989

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	10,331,326	9,318,973	10,521,155	9,591,280	10,406,087	9,687,424	9,519,229	9,951,206	10,411,616	10,751,695	9,963,282	9,975,902
South Valley	1,802,346	1,611,225	1,767,262	1,727,197	1,806,143	1,543,927	1,540,242	1,729,872	1,892,217	2,072,108	1,994,658	1,910,853
Southern California	15,055,454	13,896,451	15,948,109	14,490,678	15,283,269	15,042,420	14,285,573	14,775,817	16,203,738	16,202,036	15,377,895	15,797,473
Del Norte-Humboldt	146,407	134,943	151,741	141,860	159,955	145,636	138,692	208,643	147,596	157,548	139,727	135,612
Out of Area	34,473	30,003	36,054	31,032	36,234	35,920	36,297	38,699	30,948	34,489	29,852	26,894
State Total	27,370,006	24,991,595	28,424,321	25,982,047	27,691,688	26,455,327	25,520,033	26,704,237	28,686,115	29,217,876	27,505,414	27,846,734

TABLE 33. SALES OF MARKET SKIM MILK IN CALIFORNIA, BY MARKETING AREAS, 1989

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	2,118,308	2,006,806	2,344,586	2,150,780	2,317,823	2,250,458	2,270,490	2,378,342	2,424,579	2,494,800	2,323,839	2,355,782
South Valley	272,203	259,232	291,278	280,960	290,563	272,994	294,853	330,110	329,116	348,918	330,816	322,661
Southern California	3,809,355	3,667,901	4,244,463	3,841,786	4,148,101	3,948,055	3,601,039	3,766,221	4,399,587	4,533,224	4,269,320	4,129,898
Del Norte-Humboldt	29,649	28,112	32,061	29,991	33,445	32,729	32,185	51,451	34,082	36,166	32,424	30,196
Out of Area	7,251	6,469	8,295	7,094	8,139	8,576	8,764	9,538	7,797	8,581	7,130	6,507
State Total	6,236,766	5,968,520	6,920,683	6,310,611	6,798,071	6,512,812	6,207,331	6,535,662	7,195,161	7,421,689	6,963,529	6,845,044

TABLE 34. SALES OF HALF-AND-HALF IN CALIFORNIA, BY MARKETING AREAS, 1989

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	391,454	371,854	422,450	367,505	419,132	398,351	379,502	432,898	396,437	404,591	427,525	466,787
South Valley	35,357	31,473	34,864	32,948	35,284	34,570	35,864	37,100	34,109	35,644	39,642	44,843
Southern California	510,012	471,170	539,822	450,112	487,685	526,994	448,123	488,228	468,360	491,607	473,617	521,905
Del Norte-Humboldt	5,045	4,519	4,834	4,760	5,803	5,480	5,262	6,587	5,064	5,324	5,122	5,269
Out of Area	1,466	1,453	1,742	1,542	1,868	1,933	1,908	2,264	1,673	1,826	1,690	1,510
State Total	943,334	880,469	1,003,712	856,867	949,772	967,328	870,659	967,077	905,643	938,992	947,596	1,040,314

TABLE 35. SALES OF CLASS 1 YOGURT IN CALIFORNIA, 1978-1989

Month	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
					(gallons)							
January	946,944	1,041,653	1,270,994	1,116,434	1,107,907	1,450,494	1,479,756	1,554,511	1,653,288	1,565,781	1,733,819	1,772,573
February	955,134	979,654	1,375,360	1,176,634	1,182,459	1,332,739	1,467,120	1,454,923	1,538,282	1,543,623	1,830,780	1,681,149
March	1,047,245	1,112,377	1,411,460	1,332,044	1,337,986	1,548,441	1,565,985	1,683,856	1,829,622	1,826,882	2,009,841	1,933,204
April	999,083	1,120,263	1,418,033	1,252,399	1,300,627	1,446,942	1,516,376	1,702,447	1,780,142	1,751,510	1,896,807	1,870,782
May	1,099,612	1,241,333	1,482,010	1,302,825	1,313,424	1,541,868	1,640,074	1,799,113	1,849,958	1,821,575	1,959,480	1,871,241
June	979,419	1,171,482	1,393,047	1,388,540	1,208,097	1,482,345	1,407,703	1,626,427	1,699,462	1,991,068	1,933,850	1,628,169
July	966,629	1,155,436	1,361,068	1,335,357	1,290,316	1,346,735	1,492,739	1,718,176	1,788,365	1,635,393	1,721,996	1,695,014
August	965,313	1,252,284	1,295,974	1,197,118	1,333,096	1,424,961	1,485,294	1,747,214	1,615,821	1,815,447	1,902,809	1,842,850
September	949,304	1,288,544	1,316,919	1,211,423	1,272,345	1,472,865	1,529,216	1,627,720	1,811,792	1,905,891	1,963,002	1,645,092
October	1,075,560	1,437,105	1,350,747	1,245,992	1,230,410	1,443,482	1,493,701	1,764,952	1,594,543	1,806,055	1,813,887	1,682,668
November	871,461	1,184,802	1,078,230	1,150,738	1,099,467	1,200,836	1,189,684	1,371,418	1,432,776	1,448,056	1,545,937	1,449,059
December	787,560	1,090,876	998,967	952,406	932,382	1,009,416	1,105,925	1,320,127	1,215,482	1,387,455	1,377,504	1,269,848
State Total	11,643,264	14,075,809	15,752,809	14,661,910	14,608,516	16,701,124	17,373,573	19,370,884	19,809,533	20,498,736	21,689,712	20,341,649

TABLE 36. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY TYPE OF TRADE, 1972-1989

	Wholesale	Retail	Cash-and-Carry	Peddler	Federal Government	Total 1/
			(thousand gallons)			
1972	416,564	31,096	24,880	89,512	30,628	592,680
1973	428,065	26,436	21,495	93,488	30,178	599,662
1974	439,995	16,668	18,779	96,472	27,973	599,887
1975	462,723	11,208	15,179	95,128	23,428	607,666
1976	488,481	8,610	12,141	101,974	21,683	632,889
1977	516,333	6,631	9,850	92,146	20,254	645,214
1978	538,073	5,534	8,607	83,983	18,077	654,274
1979	552,364	4,650	7,596	80,735	17,203	662,548
1980	552,691	2,814	6,509	76,682	16,245	654,941
1981	553,703	2,130	5,465	74,024	15,477	650,799
1982	545,833	1,978	4,491	72,842	15,340	640,484
1983	550,530	1,122	3,958	77,102	15,970	648,682
1984	557,736	1,162	3,495	79,273	15,725	657,391
1985	568,945	1,168	3,008	83,620	15,141	671,883
1986	564,256	950	2,334	84,007	19,179	670,727
1987	574,435	800	1,944	81,531	11,069	669,779
1988	560,782	708	1,616	103,154	10,178	676,437
1989	563,775	712	1,522	100,423	11,071	677,503
1986						
January	48,678	86	215	7,234	1,618	57,831
February	44,285	74	187	6,446	1,320	52,313
March	47,628	84	208	6,803	1,646	56,369
April	46,718	83	209	6,950	1,560	55,520
May	47,715	80	207	7,285	1,534	56,822
June	44,551	71	194	6,827	1,378	53,022
July	45,872	73	197	7,331	1,506	54,979
August	47,033	68	197	7,284	1,493	56,075
September	47,255	86	197	7,507	1,664	56,710
October	49,405	98	174	6,862	1,804	58,343
November	46,681	70	169	6,539	1,858	55,317
December	48,432	75	179	6,940	1,799	57,426
1987						
January	48,893	70	166	6,844	1,133	57,105
February	44,436	64	156	6,433	987	52,077
March	50,110	76	172	6,997	981	58,336
April	45,568	73	171	7,056	1,107	53,975
May	47,118	74	159	6,632	1,236	55,220
June	47,793	71	154	6,584	868	55,470
July	47,425	70	164	6,650	903	55,212
August	46,852	61	157	6,658	660	54,389
September	49,324	62	164	6,964	767	57,281
October	51,190	64	171	7,171	889	59,485
November	46,195	56	159	6,723	736	53,870
December	49,531	59	150	6,818	801	57,358
1988						
January	47,527	50	140	6,676	783	55,176
February	45,451	59	150	6,828	860	53,349
March	48,057	67	158	8,965	1,080	58,328
April	45,835	59	133	8,434	944	55,404
May	46,099	60	132	8,463	816	55,570
June	45,315	63	134	8,333	863	54,707
July	44,753	54	127	8,305	785	54,024
August	48,148	59	127	9,360	772	58,466
September	48,037	56	128	9,731	842	58,795
October	47,765	58	137	9,418	829	58,208
November	46,347	60	122	9,229	799	56,558
December	47,447	62	128	9,410	805	57,852
1989						
January	47,677	64	129	8,459	978	57,308
February	43,298	58	124	7,846	825	52,152
March	49,151	70	131	8,823	1,008	59,181
April	44,507	58	127	7,944	938	53,575
May	47,953	69	124	8,455	841	57,442
June	46,711	58	128	8,270	854	56,022
July	45,438	66	117	7,823	908	54,353
August	47,379	55	126	8,398	933	56,890
September	48,693	51	124	8,890	897	58,656
October	48,894	53	137	8,998	959	59,040
November	46,328	56	126	8,241	976	55,728
December	47,746	52	127	8,276	954	57,156

1/ Monthly and annual totals have been derived from unrounded data; therefore, the sum of monthly data may not equal annual totals. The original unrounded data may be found in Tables 30, 37, 38, 39, 40, and 41.

TABLE 37. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA MARKETING AREAS, BY TYPE OF TRADE, 1989

Marketing Area	WHOLESALE	RETAIL	CASH-AND-CARRY	PEDDLER	FEDERAL GOVERNMENT	TOTAL
			(gallons)			
Northern California	183,922,276	38,255	25,671	30,905,547	3,378,726	218,270,475
South Valley	35,550,357	477,333	411,020	11,353,196	307,272	48,099,178
Southern California	341,298,499	195,909	1,083,007	56,998,226	7,382,151	406,957,792
Del Norte-Humboldt	2,412,318	622	2,087	1,000,806	2,826	3,418,659
Out of Area	591,292			165,490		756,782
State Totals	563,774,742	712,119	1,521,785	100,423,265	11,070,975	677,502,886

1/ Monthly details for each of the trade types may be found in Tables 38, 39, 40, 41, and 30, respectively.

TABLE 38. WHOLESALE SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1989 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	15,959,941	14,372,830	16,116,128	14,532,095	16,129,494	15,361,393	15,294,611	15,870,358	15,764,414	15,860,659	14,846,265	15,311,055
South Valley	3,068,254	2,726,238	2,972,004	2,792,461	2,969,555	2,708,965	2,787,863	3,111,096	3,056,100	3,321,923	3,226,039	3,123,003
Southern California	28,584,793	26,222,610	30,080,114	27,193,575	28,885,120	28,691,243	27,418,101	28,388,093	30,033,646	29,842,992	28,399,466	29,377,923
Del Norte-Humboldt	212,647	190,064	217,172	200,796	193,981	183,223	174,758	296,919	180,203	200,697	184,063	177,795
Out of Area	51,972	45,410	53,746	45,154	52,074	52,323	54,714	57,010	45,471	50,974	43,562	38,882
State Totals	47,877,607	43,557,152	49,439,164	44,764,081	48,230,224	46,997,147	45,730,047	47,723,476	49,079,834	49,277,245	46,699,395	48,028,658

1/ Sales to institutions, such as California correctional facilities, are included.

TABLE 39. RETAIL HOME-DELIVERED SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1989

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	3,260	3,075	3,140	3,195	3,340	3,095	3,040	3,115	3,070	3,225	3,290	3,410
South Valley	39,415	35,949	43,620	37,478	44,006	37,402	45,764	36,369	37,890	39,434	40,737	39,269
Southern California	21,592	19,276	22,823	17,720	21,428	17,933	17,654	15,128	10,506	10,228	12,063	9,558
Del Norte-Humboldt	244	194	184									
Out of Area												
State Totals	64,511	58,494	69,767	58,393	68,774	58,430	66,458	54,612	51,466	52,887	56,090	52,237

TABLE 40. CASH-AND-CARRY SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1989

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	2,003	2,051	2,063	2,129	2,076	2,012	2,261	2,233	2,227	2,376	2,266	1,974
South Valley	31,818	34,800	31,498	34,882	30,115	38,863	29,285	34,972	31,995	38,888	34,338	39,566
Southern California	94,367	87,035	96,554	90,353	91,762	87,554	85,104	88,495	90,172	95,711	89,943	85,957
Del Norte-Humboldt	936	616	535									
Out of Area												
State Totals	129,124	124,502	130,650	127,364	123,953	128,429	116,650	125,700	124,394	136,975	126,547	127,497

TABLE 41. PEDDLER SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1989

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	2,770,021	2,424,915	2,747,380	2,526,933	2,637,963	2,385,438	2,295,999	2,564,790	2,649,829	2,983,652	2,539,181	2,379,446
South Valley	920,181	828,684	943,521	933,553	986,464	902,096	875,960	959,781	1,028,639	1,034,324	966,846	973,147
Southern California	4,684,425	4,513,295	5,047,655	4,405,253	4,709,304	4,870,999	4,542,772	4,753,240	5,105,509	4,878,524	4,648,743	4,838,507
Del Norte-Humboldt	71,306	66,998	70,218	65,861	106,032	96,527	93,276	103,918	93,226	87,661	73,285	72,498
Out of Area	13,171	11,892	13,875	12,674	15,235	15,078	14,970	16,817	13,148	13,805	12,753	12,072
State Totals	8,459,104	7,845,784	8,822,649	7,944,274	8,454,998	8,270,138	7,822,977	8,398,546	8,890,351	8,997,966	8,240,808	8,275,670

MANUFACTURE OF DAIRY PRODUCTS

Approximately 254.7 million pounds of butter were manufactured in California during 1989. This was 11.2 percent more than 1988 and 73.3 percent more than the amount produced 10 years earlier in 1979.

The total manufacture of cheese other than cottage cheese in California during 1989 was approximately 614.8 million pounds. This production was 12.5 percent more than in 1988 and approximately four times greater than the amount produced 10 years earlier. Of the cheese manufactured in 1989 approximately 359.6 million pounds were whole-milk varieties and 255.2 million pounds were part-skim and full-skim varieties. Between 1988 and the year 1989, the manufacture of whole-milk cheese increased 8.6 percent and the manufacture of part- and full-skim cheese increased 18.6 percent. Table 46 presents the annual manufacture of cheese in California by major varieties for the time period 1979 through 1989.

During 1989, approximately 62.1 million pounds of dry curd cottage cheese were manufactured in California. The addition of creaming mixtures to this curd resulted in an output of 57.7 million pounds of cottage cheese and 57.5 million pounds of lowfat cottage cheese. The approximate combined total of 115.2 million pounds manufactured represents cottage cheese in the form in which most of it is consumed. Between 1988 and 1989, the manufacture of cottage cheese and lowfat cottage cheese combined decreased about 8.0 percent. Lowfat cottage cheese manufactured increased 1.3 percent while the manufacture of cottage cheese decreased 15.7 percent.

During 1989 approximately 376.1 million pounds of bulk unsweetened condensed skim milk were manufactured. This was 11.7 percent more than was manufactured during 1988.

During 1989, approximately 281.9 million pounds of nonfat-dry-milk for human consumption and 1.6 million pounds of nonfat-dry-milk for animal feed were manufactured in California. This was an increase of 0.9 percent from 1988 for nonfat-dry-milk for human consumption. Nonfat-dry-milk for animal feed decreased 23.6 percent from 1988.

Approximately, 10.0 million gallons of fluid buttermilk were manufactured in California during 1989. This was 2.6 percent less than the output during 1988.

The manufacture of frozen dairy products in California during 1989 included approximately 107.8 million gallons of ice cream, 42.3 million gallons of ice milk, 5.5 million gallons of sherbet, 0.1 million gallons of imitation ice cream, and 0.1 million gallons of imitation ice milk. The approximate total of 155.7 million gallons was 2.2 percent more than that manufactured during 1988. The previous figures do not include approximately 14.9 million gallons of frozen yogurt manufactured in California during 1989. From 1988 to 1989, the manufacture of ice cream increased approximately 0.5 percent. During the same period the manufacture of ice milk increased 6.0 percent, the manufacture of sherbet increased 7.2 percent, the manufacture of imitation ice cream decreased 11.4 percent, and the manufacture of imitation ice milk was down 35.0 percent.

TABLE 42. MANUFACTURE OF BUTTER IN CALIFORNIA, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
					(pounds)						
January	13,706,153	17,472,840	18,269,455	20,171,690	19,308,876	18,916,692	20,247,914	22,840,503	19,519,993	23,029,540	25,035,318
February	11,204,275	14,368,038	15,261,939	17,724,011	16,325,399	15,782,184	18,057,297	20,481,578	17,167,791	21,076,569	21,807,799
March	10,475,405	15,021,046	17,293,307	19,363,903	16,725,687	16,123,645	18,771,254	20,868,192	18,712,845	20,410,744	22,467,221
April	12,368,969	15,708,064	16,438,185	18,841,361	16,765,427	15,941,613	18,840,783	19,923,491	17,265,652	19,639,948	21,008,541
May	12,422,328	16,267,872	16,086,130	17,107,921	16,684,347	16,937,181	19,258,698	18,528,874	17,573,531	20,104,429	21,621,294
June	11,563,892	14,940,750	14,212,188	15,287,300	14,013,743	15,042,821	17,065,119	17,123,500	17,240,377	18,478,865	20,652,362
July	12,035,293	15,712,291	13,882,773	15,696,889	15,056,091	13,878,854	16,611,763	16,957,471	18,034,408	15,903,601	18,566,082
August	12,783,856	14,458,690	14,769,701	14,848,865	14,505,658	15,313,413	19,180,310	14,900,218	17,530,980	17,226,144	19,643,070
September	12,166,567	15,861,546	15,217,859	15,058,144	14,494,730	13,244,906	19,697,996	15,720,777	17,672,967	16,216,077	21,162,162
October	12,738,973	15,906,239	18,197,073	16,634,931	16,707,427	16,494,889	19,967,622	16,072,905	18,109,384	18,280,997	20,543,145
November	12,250,821	13,560,172	15,647,474	15,017,214	14,664,231	16,615,333	19,797,383	14,188,985	16,410,875	18,261,111	20,031,208
December	13,250,536	15,905,969	17,084,388	16,975,480	15,533,196	18,021,238	21,280,311	17,033,389	19,952,319	20,388,036	22,146,843
Total	146,967,068	185,183,517	192,360,472	202,727,709	190,784,812	192,312,769	228,776,450	214,639,883	215,191,122	229,016,061	254,685,045

TABLE 43. MANUFACTURE OF CHEESE IN CALIFORNIA, BY MONTHS, 1979-1989 1/

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
					(pounds)						
January	10,766,265	14,352,620	17,117,546	17,945,363	21,433,084	23,412,858	27,783,323	35,518,054	38,644,706	39,434,386	42,363,751
February	10,342,118	13,146,565	15,422,383	16,353,797	19,287,803	22,310,804	25,952,255	33,222,157	35,399,115	38,143,996	40,534,441
March	12,547,113	15,308,768	16,529,001	20,126,014	22,147,171	24,286,805	29,595,580	36,592,550	40,342,180	43,844,964	48,223,647
April	11,842,136	14,946,930	17,722,116	19,322,816	22,117,574	24,933,840	32,304,352	36,444,320	41,134,511	45,912,124	49,019,310
May	12,228,238	13,378,250	17,815,483	20,515,583	24,203,822	27,543,776	31,945,735	36,955,402	42,327,610	48,899,836	52,799,050
June	12,025,544	14,002,562	17,536,362	22,269,576	24,885,643	27,004,126	30,710,173	35,701,604	42,321,726	47,861,100	53,078,708
July	12,778,746	14,398,465	18,854,750	22,930,450	25,925,934	25,445,870	32,315,704	38,715,346	45,478,761	48,724,626	53,681,551
August	13,591,125	14,636,988	18,978,505	22,611,395	25,212,218	26,698,848	32,831,817	39,121,380	38,464,894	46,550,799	54,662,635
September	12,093,152	16,334,455	17,900,474	21,554,075	23,948,391	23,429,681	30,540,020	37,106,798	41,391,973	44,888,526	53,927,707
October	13,954,023	16,642,842	17,655,878	22,198,747	23,795,552	27,076,625	32,768,951	36,898,784	42,907,393	48,504,818	53,387,321
November	14,887,518	17,080,435	17,263,035	22,080,994	23,999,870	26,504,521	32,910,025	36,528,024	40,846,390	45,810,937	55,349,485
December	14,747,070	17,232,681	17,880,507	22,349,120	24,292,610	26,194,925	34,568,923	40,389,030	43,547,814	47,941,789	57,815,384
Total	151,803,048	181,461,561	210,676,040	250,257,930	281,249,672	304,842,679	374,226,858	443,193,449	492,807,073	546,517,901	614,842,990

1/ Cottage cheese is excluded.

TABLE 44. MANUFACTURE OF WHOLE-MILK CHEESE IN CALIFORNIA, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	(pounds)										
January	3,294,742	5,793,911	7,405,476	10,219,835	12,323,899	13,545,434	13,709,958	21,792,975	24,348,719	22,599,823	23,765,500
February	3,441,575	5,332,701	6,861,335	9,381,816	10,743,409	13,226,268	13,569,044	19,700,379	22,209,750	22,301,591	22,527,431
March	4,467,087	6,273,763	7,658,588	9,511,834	13,174,356	14,428,949	18,178,109	22,142,151	25,227,559	27,149,565	27,355,188
April	4,162,377	6,577,656	7,946,504	8,783,492	13,105,931	15,054,122	20,544,017	22,736,710	26,385,588	29,834,228	29,440,614
May	4,100,322	6,988,406	7,940,171	11,875,399	14,175,483	15,311,570	20,782,704	23,162,234	27,673,293	30,308,061	30,923,568
June	4,359,996	7,447,266	8,290,020	12,414,808	15,079,106	15,528,032	20,415,143	22,353,013	27,437,352	29,871,641	30,458,385
July	4,422,971	7,779,555	10,393,659	12,739,109	15,709,965	12,586,684	21,420,746	24,646,667	29,654,032	28,917,724	31,793,103
August	4,559,802	6,785,922	10,685,986	12,512,398	14,877,643	12,697,427	21,838,890	24,311,414	22,294,656	27,559,116	32,153,646
September	4,261,523	7,061,751	10,014,976	12,167,025	13,914,406	11,506,013	19,949,805	22,022,676	25,954,696	27,298,034	30,729,729
October	5,796,295	6,479,511	9,734,609	12,896,818	13,161,473	13,830,166	21,825,776	23,202,166	26,537,686	28,653,723	32,216,361
November	6,730,691	7,141,578	10,296,183	12,853,260	14,352,878	13,315,210	21,283,182	22,769,931	26,231,200	27,351,192	33,451,166
December	6,327,398	7,043,474	10,029,239	12,750,256	14,266,908	13,040,628	22,762,933	25,241,997	26,744,834	29,440,205	34,817,701
Total	55,924,779	80,705,494	107,256,746	138,106,050	164,885,457	164,070,503	236,280,307	274,082,313	310,699,365	331,284,903	359,632,392

TABLE 45. MANUFACTURE OF PART-SKIM AND FULL-SKIM CHEESE IN CALIFORNIA, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	(pounds)										
January	7,471,523	8,558,709	9,712,070	7,725,528	9,109,185	9,867,424	14,073,365	13,725,079	14,295,987	16,834,563	18,598,251
February	6,900,543	7,813,864	8,561,048	6,971,981	8,544,394	9,084,536	12,383,211	13,521,778	13,189,365	15,842,405	18,007,010
March	8,080,026	9,035,005	8,870,413	10,614,180	8,972,815	9,857,856	11,417,471	14,450,399	15,114,621	16,695,399	20,868,459
April	7.679,759	8,369,274	9,775,612	10,539,324	9,011,643	9,879,718	11,760,335	13,707,610	14,748,923	16,077,896	19,578,696
May	8,127,916	6,389,844	9,875,312	8,640,184	10,028,339	12,232,206	11,163,031	13,793,168	14,654,317	18,591,775	21,875,482
June	7,665,548	6,555,296	9,246,342	9,854,768	9,806,537	11,476,094	10,295,030	13,348,591	14,884,374	17,989,459	22,620,323
July	8,355,775	6,857,433	8,461,091	10,191,341	10,215,969	12,859,186	10,894,958	14,068,679	15,824,729	19,806,902	21,888,448
August	9,031,323	7,612,543	8,292,519	10,098,997	10,334,575	14,001,421	10,992,927	14,809,966	16,170,238	18,991,683	22,508,989
September	7,831,629	9,272,704	7,885,498	9,387,050	10,033,985	11,923,668	10,590,215	15,084,122	15,437,277	17,590,492	23,197,978
October	8,157,728	10,163,331	7,921,269	9,301,929	10,634,079	13,246,459	10,943,175	13,696,618	16,369,707	19,851,095	21,170,960
November	8,156,827	9,938,857	6,966,852	9,227,734	9,646,992	13,189,311	11,626,843	13,758,093	14,615,190	18,459,745	21,898,319
December	8,419,672	10,189,207	7,851,268	9,598,864	10,025,702	13,154,297	11,805,990	15,147,033	16,802,980	18,501,584	22,997,683
Total	95,878,269	100,756,067	103,419,294	112,151,880	116,364,215	140,772,176	137,946,551	169,111,136	182,107,708	215,232,998	255,210,598

TABLE 46. MANUFACTURE OF CHEESE IN CALIFORNIA, BY VARIETIES, 1979-1989 1/

	Whole-Milk Cheese						Skim-Milk Cheese 2/	Total
	American Cheddar	Monterey	Cream	Italian	Other Varieties	All Varieties	All Varieties	
				(pounds)				
1979	12,608,285	10,892,975	9,718,490	21,449,818	1,255,231	55,924,799	95,878,269	151,803,068
1980	36,421,283	11,284,408	7,170,170	24,402,956	1,426,677	80,705,494	100,756,067	181,461,561
1981	57,137,034	13,806,456	8,564,955	26,354,122	1,394,179	107,256,746	103,419,294	210,676,040
1982	78,720,707	19,023,143	10,811,407	28,163,450	1,387,343	138,106,050	112,151,880	250,257,930
1983	84,747,859	25,067,086	11,183,010	42,543,960	1,343,542	164,885,457	116,364,215	281,249,672
1984	78,387,673	30,622,599	11,438,114	42,227,980	1,394,137	164,070,503	140,772,176	304,842,679
1985	132,295,557	35,342,073	12,752,380	54,234,023	1,656,274	236,280,307	137,946,551	374,226,858
1986	142,969,019	46,147,190	13,783,978	68,501,699	2,680,427	274,082,313	169,111,136	443,193,449
1987	169,740,621	48,735,588	12,774,515	76,272,142	3,176,499	310,699,365	182,107,708	492,807,073
1988	174,264,386	64,400,275	12,868,441	74,235,305	5,516,496	331,284,903	215,232,998	546,517,901
1989	184,369,938	67,421,059	13,483,387	85,972,451	8,385,557	359,632,392	255,210,598	614,842,990

1/ Cottage cheese is excluded.

2/ All varieties of Part-Skim Cheese are included in this category.

TABLE 47. MANUFACTURE OF DRY CURD COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
						(pounds)					
January	8,553,584	8,388,650	8,316,490	7,435,377	7,374,644	6,883,741	7,859,972	8,119,274	7,493,404	6,495,969	5,036,581
February	7,692,518	8,100,555	7,564,786	6,955,977	6,760,261	6,773,418	7,176,630	7,360,197	6,989,169	6,190,365	4,837,616
March	9,124,044	8,786,304	8,423,881	8,102,337	7,645,925	7,386,701	8,018,124	8,462,908	7,825,336	7,111,673	5,766,995
April	8,407,773	8,650,741	8,486,280	7,623,330	7,549,011	7,259,495	8,104,307	8,694,627	7,924,823	6,332,502	5,330,375
May	9,175,161	8,742,730	9,102,668	8,026,146	7,501,383	7,562,864	8,441,392	8,810,373	8,012,736	6,883,640	5,525,196
June	8,682,715	8,494,076	9,119,751	7,630,116	7,287,505	7,826,679	8,171,787	8,701,485	8,074,917	5,776,767	5,491,305
July	8,550,961	9,016,215	8,997,098	7,651,955	7,118,641	8,734,169	8,670,577	9,446,761	7,994,174	5,730,807	5,177,618
August	8,962,626	8,932,936	8,444,538	7,662,961	7,409,483	8,535,710	8,204,047	8,826,275	7,741,568	6,155,374	5,978,202
September	8,637,639	8,224,678	7,864,806	7,362,107	6,965,640	8,197,329	7,704,525	8,442,937	7,869,544	5,311,148	4,614,052
October	8,761,860	8,449,034	7,413,406	7,282,424	6,765,722	8,017,996	8,041,648	7,985,799	7,785,686	5,229,058	5,337,355
November	7,344,452	7,823,489	7,117,964	6,340,007	6,236,695	6,721,421	6,932,514	6,904,004	6,734,635	5,026,646	4,718,689
December	7,528,050	7,279,978	6,624,347	5,997,343	5,730,292	6,782,989	6,936,939	6,565,788	6,423,697	4,806,447	4,330,333
Total	101,421,383	100,889,386	97,476,015	88,070,030	84,345,202	90,682,512	94,262,462	98,320,428	90,869,689	71,050,396	62,144,317

TABLE 48. MANUFACTURE OF LOWFAT COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1979-1989 1/

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
						(pounds)					
January	3,843,544	4,061,641	4,209,653	4,006,481	4,361,457	4,075,219	4,769,052	5,058,551	4,939,375	4,746,379	4,471,956
February	3,495,923	3,883,595	3,878,860	3,861,500	3,931,079	4,167,623	4,439,162	4,678,793	4,628,933	4,658,779	4,287,983
March	4,135,972	4,180,645	4,402,320	4,518,937	4,501,084	4,542,858	4,919,888	5,407,589	5,041,107	5,233,784	5,156,723
April	3,936,209	4,286,549	4,475,300	4,324,553	4,477,603	4,571,611	4,968,274	5,529,747	5,094,740	4,712,257	5,016,448
May	4,411,876	4,338,204	4,929,638	4,439,553	4,572,122	4,681,761	5,101,446	5,508,657	5,312,388	5,219,021	5,180,435
June	3,976,245	4,332,653	4,749,096	4,161,630	4,382,668	4,810,423	5,030,199	5,536,837	5,323,952	4,778,604	5,040,890
July	3,996,987	4,646,651	4,675,398	4,415,952	4,213,732	5,222,969	5,167,430	5,912,917	5,205,631	4,900,471	5,014,203
August	4,100,634	4,391,793	4,272,917	4,293,888	4,400,662	5,187,659	4,966,729	5,603,242	5,054,301	5,318,377	5,353,244
September	3,950,592	4,145,787	4,209,363	4,138,996	4,217,897	4,815,229	4,753,338	5,416,779	5,133,100	4,547,286	4,847,190
October	4,084,960	4,314,793	4,065,081	4,067,088	4,069,631	4,771,114	5,000,485	5,045,226	5,089,450	4,227,553	4,956,243
November	3,473,883	3,762,716	3,857,898	3,658,666	3,553,680	3,994,259	4,262,015	4,482,687	4,563,041	4,292,340	4,391,186
December	3,382,094	3,535,297	3,578,737	3,408,023	3,336,305	3,992,690	4,242,828	4,083,666	3,996,955	4,147,351	3,826,233
Total	46,788,919	49,880,324	51,304,261	49,295,267	50,017,920	54,833,415	57,620,846	62,264,691	59,382,973	56,782,202	57,542,734

1/ Lowfat cottage cheese is partially creamed.

TABLE 49. MANUFACTURE OF COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
						(pounds)					
January	8,444,323	8,223,870	7,665,950	7,239,576	7,081,527	6,995,035	7,248,917	6,990,270	6,754,094	5,951,433	4,800,127
February	7,565,154	7,826,150	7,115,675	6,699,119	6,351,363	6,710,632	6,529,681	6,308,160	5,819,954	5,700,445	4,622,381
March	8,869,190	8,525,449	7,902,243	7,708,171	7,229,474	7,221,711	7,053,521	7,216,297	6,699,180	6,486,413	5,311,408
April	8,380,940	8,342,269	7,830,824	7,205,769	7,019,945	7,139,835	7,268,690	7,301,914	6,645,985	5,879,395	4,862,358
May	8,879,447	8,289,668	8,259,049	7,567,194	7,476,893	7,354,656	7,528,354	6,686,421	6,794,888	6,384,513	5,294,695
June	8,604,792	8,205,420	8,255,515	7,200,281	7,127,575	7,249,677	6,981,019	6,940,685	6,789,426	5,514,072	5,108,499
July	8,718,928	8,548,389	8,220,776	7,257,056	7,100,718	8,225,073	7,609,461	7,659,068	6,738,568	5,883,890	4,882,452
August	8,854,460	8,530,618	7,800,747	7,468,767	7,554,627	7,682,935	7,205,623	7,154,667	6,490,772	6,338,965	5,175,886
September	8,518,996	7,891,790	7,605,910	7,247,078	7,039,973	7,517,945	6,681,393	6,764,414	6,558,222	5,350,697	4,601,369
October	8,595,947	8,200,186	7,341,109	7,227,101	6,960,590	7,454,402	6,935,183	6,578,934	6,357,330	4,985,760	4,750,486
November	7,523,897	7,302,111	7,053,774	6,396,579	6,508,451	6,407,086	6,023,191	6,120,631	5,569,474	5,006,040	4,254,721
December	7,477,502	6,762,964	6,598,175	6,045,935	5,838,795	6,252,725	5,918,701	5,969,353	5,356,298	4,972,349	4,015,703
Total	100,433,576	96,648,884	91,649,747	85,262,626	83,289,931	86,211,712	82,983,734	81,690,814	76,574,191	68,453,972	57,680,085

TABLE 50. MANUFACTURE OF COTTAGE CHEESE AND LOWFAT COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
						(pounds)					
January	12,287,867	12,285,5[illegible]	11,875,603	11,246,057	11,442,984	11,070,254	12,017,969	12,048,821	11,693,469	10,697,812	9,272,083
February	11,061,077	11,709,74[illegible]	10,994,535	10,560,619	10,282,442	10,878,255	10,968,843	10,986,953	10,448,887	10,359,224	8,910,364
March	13,005,162	12,706,094	12,304,563	12,227,108	11,730,558	11,764,569	11,973,409	12,623,886	11,740,287	11,720,197	10,468,131
April	12,317,149	12,628,818	12,306,124	11,530,322	11,497,548	11,711,446	12,236,964	12,831,661	11,740,725	10,591,652	9,878,806
May	13,291,323	12,627,872	13,188,687	12,006,747	12,049,015	12,036,417	12,629,800	12,195,078	12,107,276	11,603,534	10,475,130
June	12,581,037	12,538,073	13,004,611	11,361,911	11,510,243	12,060,100	12,011,218	12,477,522	12,113,378	10,292,676	10,149,389
July	12,715,915	13,195,040	12,896,174	11,673,008	11,314,450	13,448,042	12,776,891	13,571,985	11,944,199	10,784,561	9,896,655
August	12,955,094	12,922,411	12,073,664	11,762,655	11,955,289	12,870,594	12,172,352	12,757,909	11,545,073	11,657,342	10,529,130
September	12,469,588	12,037,577	11,815,273	11,386,074	11,257,870	12,333,174	11,434,731	12,181,193	11,691,322	9,897,983	9,448,559
October	12,680,907	12,514,979	11,406,190	11,294,189	11,030,221	12,225,516	11,935,668	11,624,160	11,446,780	9,213,313	9,706,729
November	10,997,780	11,064,827	10,911,672	10,055,245	10,062,131	10,401,345	10,285,206	10,603,318	10,132,515	9,298,380	8,645,907
December	10,859,596	10,298,261	10,176,912	9,453,958	9,175,100	10,245,415	10,161,529	10,053,019	9,353,253	9,119,700	7,841,936
Total	147,222,495	146,529,208	142,954,008	134,557,893	133,307,851	141,045,127	140,604,580	143,955,505	135,957,164	125,236,174	115,222,819

TABLE 51. MANUFACTURE OF UNSWEETENED CONDENSED SKIM MILK IN CALIFORNIA, BY MONTHS, 1979-1989 1/

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
						(pounds)					
January	8,584,679	9,476,052	9,868,071	9,208,647	12,952,059	12,513,337	12,336,086	19,891,435	17,873,999	22,911,877	21,794,241
February	7,120,651	9,711,197	9,459,283	8,319,233	9,595,845	12,872,177	10,981,191	17,414,306	17,768,462	22,984,355	19,993,183
March	8,760,017	10,154,329	9,388,627	11,687,943	11,256,307	14,543,532	13,750,049	19,140,899	22,123,742	26,401,446	31,132,637
April	8,655,491	10,989,971	10,700,235	11,045,774	11,716,635	17,037,066	17,123,742	17,158,598	19,788,170	28,145,394	32,076,771
May	9,639,221	11,671,242	9,812,147	16,154,701	14,202,202	14,812,570	19,968,072	18,063,590	19,960,642	28,132,596	33,412,382
June	9,246,262	12,146,707	10,418,619	15,524,990	15,564,762	14,327,669	17,189,819	19,699,515	21,210,804	27,466,336	35,643,800
July	11,642,227	12,311,181	11,349,757	10,831,618	15,739,444	16,596,966	21,471,421	17,806,731	20,608,985	29,983,950	36,651,292
August	11,964,264	12,401,967	10,236,911	14,143,380	15,478,554	16,355,272	23,294,595	17,367,862	20,584,338	30,726,410	38,129,349
September	9,834,736	11,008,721	9,523,691	13,029,751	15,211,243	13,496,826	21,926,378	17,028,439	22,206,856	30,598,134	32,051,906
October	11,297,223	10,517,682	10,294,324	12,724,473	14,143,687	14,810,752	22,270,926	15,437,417	23,723,487	33,445,780	32,165,545
November	9,362,524	10,300,488	10,949,862	11,120,135	14,324,952	14,303,830	17,567,424	18,134,816	19,897,657	27,971,096	31,786,815
December	10,396,026	10,345,447	10,981,930	11,308,766	13,631,586	13,122,914	17,[illegible]09,979	18,893,074	19,013,804	27,835,536	31,275,674
Total	116,503,321	131,034,984	122,983,457	145,099,411	163,817,276	174,792,911	215,589,682	216,036,682	244,760,946	336,602,910	376,113,595

1/ Bulk goods.

TABLE 52. MANUFACTURE OF NONFAT-DRY-MILK IN CALIFORNIA FOR HUMAN CONSUMPTION, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
						(pounds)					
January	8,962,224	15,454,077	18,455,445	22,994,664	21,424,183	20,650,067	19,473,210	24,491,257	19,416,498	22,912,498	24,092,630
February	8,304,622	14,475,250	17,534,087	21,590,016	16,494,334	19,677,973	24,197,510	22,497,310	18,396,345	24,040,029	22,159,499
March	11,524,576	16,033,128	21,114,324	24,702,566	20,576,912	23,457,246	25,407,116	25,463,766	22,470,005	25,251,825	25,413,273
April	15,928,614	20,152,911	22,446,860	23,931,326	23,146,591	25,136,846	26,462,167	24,986,688	24,732,009	26,433,960	26,316,995
May	18,559,318	24,481,766	23,613,380	25,796,772	24,911,807	27,514,427	30,411,594	26,375,179	27,892,739	25,976,379	26,716,810
June	19,938,666	24,520,792	22,519,106	24,420,992	25,622,979	26,087,558	29,366,705	26,553,435	27,675,221	26,739,679	25,444,919
July	20,903,488	25,803,776	23,801,328	25,471,509	27,128,242	23,876,337	28,813,957	25,772,962	29,965,187	24,644,338	25,563,475
August	20,696,740	23,783,065	23,490,570	24,560,029	24,292,875	25,094,311	30,051,996	21,850,892	28,299,888	23,330,935	23,814,079
September	17,022,984	20,647,326	21,878,667	21,893,654	19,967,215	18,303,500	26,747,219	18,447,174	22,923,145	19,103,379	21,612,026
October	16,358,759	19,929,656	23,815,803	22,116,181	22,674,789	20,467,633	25,260,231	18,184,141	22,464,815	19,682,067	20,940,030
November	15,056,120	17,652,461	21,334,319	20,008,441	20,233,197	20,259,359	23,336,546	18,516,222	20,723,150	19,321,620	19,238,750
December	15,189,768	19,682,429	23,271,639	22,111,699	20,623,356	21,313,002	25,318,978	20,802,168	22,803,420	21,908,811	20,548,289
Total	188,445,879	242,616,637	263,275,528	279,597,849	267,096,480	271,838,259	314,847,229	273,941,194	287,762,422	279,345,520	281,860,775

TABLE 53. MANUFACTURE OF NONFAT-DRY-MILK IN CALIFORNIA FOR ANIMAL FEED, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
						(pounds)					
January	58,359	86,577	134,919	137,936	150,742	118,161	116,678	208,432	275,371	167,576	115,006
February	56,539	100,878	94,365	119,782	108,078	106,731	145,746	140,407	126,914	165,880	75,297
March	64,650	133,266	154,188	135,077	88,087	123,516	104,004	149,367	148,539	185,297	80,979
April	86,380	99,863	126,439	192,902	131,393	149,804	127,890	179,125	160,621	203,430	111,890
May	118,655	133,522	148,126	235,174	132,764	190,918	148,230	187,910	163,801	214,450	119,885
June	106,576	155,472	180,054	233,343	126,088	129,288	162,840	219,754	270,000	211,849	159,886
July	150,033	154,648	210,961	172,949	203,572	155,934	147,594	197,933	206,923	192,858	148,916
August	152,431	132,554	138,140	190,686	187,312	170,482	178,765	316,475	237,716	294,726	191,618
September	107,556	183,154	186,125	186,563	112,363	135,904	144,530	154,521	301,386	123,107	149,260
October	120,645	137,595	167,370	105,243	88,082	113,953	147,830	191,790	258,749	95,280	153,585
November	96,416	127,027	174,985	95,564	90,130	112,093	173,355	273,845	211,648	97,600	124,949
December	108,413	143,926	268,310	125,667	119,429	76,233	130,642	312,735	171,457	148,346	174,173
Total	1,226,653	1,588,482	1,983,982	1,930,886	1,538,040	1,583,017	1,728,104	2,532,294	2,533,125	2,100,399	1,605,444

TABLE 54. MANUFACTURE OF BUTTERMILK IN CALIFORNIA, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
					(gallons)						
January	973,150	903,952	873,549	781,913	784,464	848,653	850,679	898,179	792,185	809,380	825,543
February	898,208	858,367	825,838	759,541	735,449	767,272	779,741	789,640	748,776	824,402	774,982
March	984,272	893,810	933,728	870,579	868,205	819,708	852,715	908,415	844,434	912,301	893,575
April	932,276	907,591	909,652	816,974	778,503	807,962	837,771	926,308	820,012	830,947	827,525
May	993,324	898,227	895,733	840,898	855,764	863,943	865,402	924,560	836,126	907,411	885,002
June	943,424	917,105	928,336	816,702	830,023	772,195	839,310	896,476	820,708	860,466	864,595
July	957,338	918,719	947,983	819,431	816,324	876,722	899,283	952,732	828,201	856,207	854,326
August	1,007,482	942,759	877,717	841,283	876,953	937,901	845,673	947,328	827,148	918,329	859,752
September	963,164	894,562	894,058	803,430	825,039	868,910	852,680	870,226	807,286	859,217	792,381
October	937,489	917,431	829,179	797,110	792,457	868,444	882,055	880,739	814,249	835,464	822,101
November	868,360	855,771	840,167	788,075	849,820	852,535	813,112	788,533	814,030	853,799	824,453
December	882,432	868,261	821,168	788,984	829,796	840,160	850,341	843,025	788,897	832,857	811,671
Total	11,340,919	10,776,555	10,577,108	9,724,920	9,842,797	10,124,405	10,168,762	10,626,161	9,742,052	10,300,780	10,035,906

TABLE 55. MANUFACTURE OF ICE CREAM IN CALIFORNIA, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
					(gallons)						
January	6,350,980	6,247,041	6,205,235	6,369,178	6,217,188	6,931,142	7,917,179	8,378,507	7,258,921	6,649,753	7,215,459
February	6,307,557	6,983,138	6,603,166	6,598,596	7,131,544	7,989,726	7,681,586	7,734,913	8,011,634	8,326,431	7,281,977
March	7,712,701	7,770,253	7,897,802	8,521,556	9,109,709	9,249,867	8,398,994	9,161,477	9,184,544	10,116,585	9,627,387
April	7,345,798	7,669,571	7,622,194	7,856,208	7,976,684	8,799,618	9,334,477	9,455,320	10,251,781	9,254,920	9,104,937
May	8,075,767	7,759,459	7,996,749	8,341,210	8,374,678	10,040,751	10,257,210	10,183,061	9,754,108	9,502,465	10,565,011
June	8,743,310	8,475,633	9,638,159	9,533,305	10,485,562	10,243,651	10,737,742	9,842,718	10,062,008	10,539,280	10,668,232
July	8,642,687	9,482,641	10,381,126	9,417,652	9,759,724	10,695,734	11,974,076	10,988,546	10,586,026	10,234,067	10,653,642
August	9,285,620	9,314,616	9,070,995	9,674,414	10,839,800	11,087,596	10,588,741	10,020,907	10,196,775	11,082,387	10,616,180
September	7,356,422	7,449,444	8,319,800	8,794,146	9,455,822	9,336,604	8,990,192	9,133,681	9,286,900	9,351,222	9,157,537
October	8,009,799	7,708,245	7,207,262	7,241,206	7,618,126	9,059,391	8,921,683	7,994,974	8,623,934	7,665,643	8,002,556
November	6,121,780	5,712,745	6,527,797	6,769,825	7,242,970	6,774,638	5,714,422	6,836,634	7,099,801	7,256,564	7,751,526
December	5,156,936	6,140,630	6,709,143	6,121,166	6,856,013	6,478,330	6,216,284	7,425,337	7,969,685	7,193,515	7,113,917
Total	89,109,357	90,713,416	94,179,428	95,238,462	101,067,820	106,687,048	106,732,586	107,156,075	108,286,117	107,172,832	107,758,361

TABLE 56. MANUFACTURE OF ICE MILK IN CALIFORNIA, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
						(gallons)					
January	1,877,067	1,872,419	1,881,620	1,809,087	1,679,849	1,892,987	1,942,166	2,375,996	2,076,450	2,250,053	2,618,905
February	1,904,318	2,001,004	1,981,683	1,952,525	1,838,821	2,026,118	2,145,968	2,103,954	2,171,890	2,857,237	2,776,609
March	2,425,873	2,346,037	2,283,809	2,328,022	2,249,443	2,487,987	2,380,536	2,668,168	2,764,937	3,454,062	3,471,045
April	2,301,330	2,335,254	2,551,102	2,378,287	2,113,932	2,333,752	2,688,122	2,685,285	3,130,200	3,202,766	3,562,866
May	2,629,670	2,552,836	2,527,268	2,571,628	2,652,139	2,839,864	2,830,223	3,070,257	2,840,475	3,660,689	4,185,023
June	2,740,882	2,622,433	2,977,307	2,660,004	2,720,504	2,810,004	2,893,439	2,929,222	3,185,772	3,836,953	4,206,038
July	2,788,345	2,936,872	2,960,275	2,787,994	2,702,191	3,098,789	3,364,606	3,182,100	3,293,230	3,911,532	4,034,782
August	2,802,117	2,843,620	2,595,438	2,831,783	2,977,533	3,110,557	3,168,798	3,189,573	3,040,288	4,466,524	4,248,122
September	2,509,214	2,708,163	2,486,816	2,452,936	2,638,887	2,610,466	2,752,722	2,630,624	2,752,430	3,391,383	3,579,234
October	2,496,452	2,488,298	2,173,617	2,267,901	2,391,954	2,447,702	2,699,350	2,548,004	2,534,032	3,270,743	3,439,837
November	2,119,034	1,899,994	1,915,522	1,928,209	1,964,902	2,022,987	2,048,130	2,167,292	2,251,603	3,018,006	3,216,812
December	1,822,970	2,149,025	2,042,557	1,761,571	1,913,665	1,880,304	2,087,025	2,087,242	2,372,819	2,545,158	2,922,469
Total	28,417,272	28,755,955	28,377,014	27,729,947	27,843,820	29,561,517	31,001,085	31,637,717	32,414,126	39,865,106	42,261,742

TABLE 57. MANUFACTURE OF SHERBET IN CALIFORNIA, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
						(gallons)					
January	383,318	364,749	311,770	347,199	300,390	306,581	398,869	402,444	338,561	253,460	357,325
February	329,255	336,516	349,817	293,585	313,134	363,646	329,165	315,926	333,591	345,678	392,089
March	456,522	385,572	401,241	412,352	376,730	419,227	402,680	358,755	406,741	469,156	488,032
April	381,212	451,686	376,517	397,404	386,881	421,254	464,430	460,701	518,877	481,226	507,261
May	489,162	437,732	447,270	443,050	427,181	470,362	486,554	434,961	478,601	430,424	572,717
June	593,302	438,194	552,303	483,359	522,594	523,115	532,711	476,188	475,656	531,237	515,382
July	549,096	609,372	674,031	462,494	466,175	564,490	641,028	554,145	483,290	476,543	571,915
August	546,676	553,245	459,737	534,173	549,806	535,337	496,611	496,882	457,119	651,938	544,293
September	422,243	367,276	464,936	467,853	450,009	475,975	401,564	366,358	393,557	434,406	405,876
October	465,705	416,086	328,654	320,424	349,525	379,263	369,177	291,457	387,374	396,516	384,980
November	329,777	289,340	260,100	297,396	329,927	311,823	236,553	246,300	285,024	322,650	413,636
December	241,448	365,870	325,359	287,516	282,559	278,308	226,502	313,678	337,329	311,911	319,786
Total	5,187,716	5,015,638	4,951,735	4,746,805	4,754,911	5,049,381	4,985,844	4,717,795	4,895,720	5,105,145	5,473,292

TABLE 58. MANUFACTURE OF IMITATION ICE CREAM IN CALIFORNIA, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
					(gallons)						
January	139,716	85,887	84,991	58,338	32,645	18,328	11,575	5,080	9,101	8,136	4,609
February	150,493	106,940	86,492	30,615	53,114	21,167	19,866	8,208	11,118	12,313	11,067
March	133,490	97,292	73,033	59,355	48,327	17,240	15,678	10,247	13,354	17,700	10,613
April	164,277	110,595	86,510	47,529	25,690	25,225	29,222	9,303	13,062	11,176	11,631
May	104,239	114,103	110,514	71,898	30,811	23,682	18,328	14,808	14,977	17,079	11,217
June	188,805	126,704	117,851	47,559	40,210	18,002	20,926	21,050	15,636	11,314	13,297
July	96,434	168,979	107,032	69,747	30,539	30,024	30,907	23,002	18,472	15,024	10,824
August	190,040	151,736	64,801	56,659	28,869	20,629	16,804	12,218	16,942	21,996	13,298
September	148,208	67,301	66,757	66,107	20,640	19,458	19,569	12,477	16,062	12,660	16,419
October	105,293	140,496	81,076	60,716	18,299	23,209	20,145	14,703	16,540	8,998	4,521
November	90,353	57,453	53,795	30,287	13,570	8,761	8,183	7,168	6,826	8,479	7,598
December	55,875	78,515	29,506	14,136	14,638	14,585	11,526	6,819	8,330	7,537	19,936
Total	1,567,223	1,306,001	962,358	612,946	357,352	240,310	222,729	145,083	160,420	152,412	135,030

TABLE 59. MANUFACTURE OF IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
					(gallons)						
January	94,091	57,320	50,508	27,760	23,517	22,196	22,049	15,675	6,625	4,910	3,588
February	70,614	60,396	75,254	36,135	27,978	44,210	38,654	26,100	12,439	6,150	7,360
March	135,401	82,734	65,790	71,433	48,673	43,445	23,804	9,335	5,895	9,024	4,828
April	92,791	113,594	78,968	64,878	32,556	36,741	61,398	8,605	13,413	12,070	6,984
May	134,940	75,362	69,301	54,879	39,311	37,819	54,845	8,990	9,067	11,985	8,554
June	105,344	105,706	95,035	56,758	70,585	46,930	22,235	13,873	9,912	13,155	9,320
July	125,292	106,439	94,074	56,279	46,039	42,669	31,426	18,932	17,311	11,660	7,308
August	109,214	105,737	71,097	41,278	63,399	56,660	42,356	8,590	13,805	10,109	7,518
September	77,619	80,342	61,626	43,527	31,075	39,722	22,124	13,495	7,600	15,240	6,366
October	105,029	70,986	52,600	30,088	33,483	26,577	27,490	5,300	6,875	9,080	6,078
November	60,237	54,087	44,893	34,339	21,614	11,083	11,150	6,940	7,505	7,502	2,442
December	49,762	46,511	22,790	15,546	11,496	16,250	13,142	5,660	10,131	3,697	4,188
Total	1,160,334	959,214	781,936	532,900	449,726	424,302	370,673	141,495	120,578	114,582	74,534

TABLE 60. MANUFACTURE OF IMITATION ICE CREAM AND IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
						(gallons)					
January	233,807	143,207	135,499	86,098	56,162	40,524	33,624	20,755	15,726	13,046	8,197
February	221,107	167,336	161,746	66,750	81,092	65,377	58,520	34,308	23,557	18,463	18,427
March	268,891	180,026	138,823	130,788	97,000	60,685	39,482	19,582	19,249	26,724	15,441
April	257,068	224,189	165,478	112,407	58,246	61,966	90,620	17,908	26,475	23,246	18,615
May	239,179	189,465	179,815	126,777	70,122	61,501	73,173	23,798	24,044	29,064	19,771
June	294,149	232,410	212,886	104,317	110,795	64,932	43,161	34,923	25,548	24,469	22,617
July	221,726	275,418	201,106	126,026	76,578	72,693	62,333	41,934	35,783	26,684	18,132
August	299,254	257,473	135,898	97,937	92,268	77,289	59,160	20,808	30,747	32,105	20,816
September	225,827	147,643	128,383	109,634	51,715	59,180	41,693	25,972	23,662	27,900	22,785
October	210,322	211,482	133,676	90,804	51,782	49,786	47,635	20,003	23,415	18,078	10,599
November	150,590	111,540	98,688	64,626	35,184	19,844	19,333	14,108	14,331	15,981	10,040
December	105,637	125,026	52,296	29,682	26,134	30,835	24,668	12,479	18,461	11,234	24,124
Total	2,727,557	2,265,215	1,744,294	1,145,846	807,078	664,612	593,402	286,578	280,998	266,994	209,564

TABLE 61. MANUFACTURE OF ICE CREAM, ICE MILK, SHERBET, IMITATION ICE CREAM, AND IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1979-1989

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
						(gallons)					
January	8,845,172	8,627,416	8,534,124	8,611,562	8,253,589	9,171,234	10,291,838	11,177,702	9,689,658	9,166,312	10,199,886
February	8,762,237	9,487,994	9,096,412	8,911,456	9,364,591	10,444,867	10,215,239	10,189,101	10,540,672	11,547,809	10,469,102
March	10,863,987	10,681,888	10,721,675	11,392,718	11,832,882	12,217,766	11,221,692	12,207,982	12,375,471	14,066,527	13,601,905
April	10,285,408	10,680,700	10,715,291	10,744,306	10,535,743	11,616,590	12,577,649	12,619,214	13,927,333	12,962,158	13,193,679
May	11,433,778	10,939,492	11,151,102	11,482,665	11,524,120	13,412,478	13,647,160	13,712,077	13,097,228	13,622,642	15,342,522
June	12,371,643	11,768,670	13,380,655	12,780,985	13,839,455	13,641,702	14,207,053	13,283,051	13,748,984	14,931,939	15,412,269
July	12,201,854	13,304,303	14,216,538	12,794,166	13,004,668	14,431,706	16,042,043	14,766,725	14,398,329	14,648,826	15,278,471
August	12,933,667	12,968,954	12,262,068	13,138,307	14,459,407	14,810,779	14,313,310	13,728,170	13,724,929	16,232,954	15,429,411
September	10,513,706	10,672,526	11,399,935	11,824,569	12,596,433	12,482,225	12,186,171	12,156,635	12,456,549	13,204,911	13,165,432
October	11,182,278	10,824,111	9,843,209	9,920,335	10,411,387	11,936,142	12,037,845	10,854,438	11,568,755	11,350,980	11,837,972
November	8,721,181	8,013,619	8,802,107	9,060,056	9,572,983	9,129,292	8,018,438	9,264,334	9,650,759	10,613,201	11,392,014
December	7,326,991	8,780,551	9,129,355	8,199,935	9,078,371	8,667,777	8,554,479	9,838,736	10,698,294	10,061,818	10,380,296
Total	125,441,902	126,750,224	129,252,471	128,861,060	134,473,629	141,962,558	143,312,917	143,798,165	145,876,961	152,410,077	155,702,959

CONSUMPTION AND MANUFACTURE PER CAPITA OF DAIRY PRODUCTS

Although nc data are collected which directly relate to the consumption of dairy products in California, the quantities of some products either sold or manufactured in California represent reasonably well the quantities of these dairy products consumed in the State. These are products which for the most part are neither imported nor exported in significant amounts and which are not storable for any extended period of time. Products that have these characteristics and for which sales data are available are: fluid whole and lowfat milk, fluid skim milk, yogurt, half-and-half, and miscellaneous Class 1 products. The quantities of manufactured products produced in this State which may be assumed to represent those consumed here are limited to cottage cheese, buttermilk, and frozen products.

The population of California on July 1, 1989 was estimated by the California Department of Finance to be 29,063,200. This represented an approximate increase of 749 thousand persons or 2.6 percent from the same date a year earlier. Using this population estimate, per capita sales and manufacture estimates were determined for selected dairy products. These estimates are shown in Table 62.

Per capita sales of all Class 1 dairy products in California during 1989 amounted to 109.24 quarts. This total of 109.24 included: 93.74 quarts of fluid whole and lowfat milk, 11.00 quarts of skim milk, 2.95 quarts of yogurt and miscellaneous Class 1 products, and 1.55 quarts of half-and-half. Valid comparisons of the per capita sales of these times for 1974 and later cannot be made with data for 1973 and earlier due to product reclassifications and changes in reporting procedures. For example, fluid creams are no longer Class 1 products while yogurt is a Class 1 product. Flavored dairy drinks are now included with either fluid whole milk, fluid lowfat milk, for fluid skim milk, depending on the fat content of the flavored dairy drink reported.

In 1989, manufacture per capita of creamed and lowfat cottage cheese in California totaled 3.96 pounds, a decrease of 10.4 percent from 1988. Creamed cottage cheese accounted for 1.98 pounds per capita, and lowfat cottage cheese accounted for 1.98 pounds per capita. Between 1988 and 1989, the manufacture per capita of creamed cottage cheese decreased 18.2 percent and the manufacture per capita of lowfat cottage cheese decreased 1.0 percent.

During 1989, the manufacture per capita of buttermilk in California amounted to 1.38 quarts. This approximated a decrease of 5.5 percent from the manufacture per capita existing during 1988.

Manufacture per capita of all frozen products in California during 1989 totaled 21.43 quarts, a decrease from 1988 of 0.5 percent. The manufacture per capita of all frozen products included 14.83 quarts of ice cream, 5.82 quarts of ice milk, 0.75 quarts of sherbet, 0.02 quarts of imitation ice cream, and 0.01 quarts of imitation ice milk. Between 1988 and 1989, the manufacture per capita estimates for the various frozen dairy products indicate that both ice milk and sherbet experienced an increase. Ice cream exhibited a 2.0 percent decrease. Ice milk and sherbet were characterized by a 3.4 and 4.2 percent increase respectively. While the manufacture per capita of imitation ice cream did not change appreciably, imitation ice milk declined by 50.0 percent.

TABLE 62. ESTIMATED CONSUMPTION AND MANUFACTURE PER CAPITA OF SELECTED DAIRY PRODUCTS IN CALIFORNIA, BY YEARS, 1972-1989 1/

			Class 1 Product Sales Per Capita						
Year	Estimated July 1 Population	Total	Fluid Milk	Fluid Skim Milk	Flavored Dairy Drink	Half and Half	Yogurt and Misc.	Fluid Cream Sour	Fluid Cream Other
	(Thousands)				-(Quarts)-				
1972	20,585	127.60	115.44	7.72	1.99	1.57	2/	0.70	0.17
1973	20,868	127.49	115.20	7.96	1.88	1.56		0.72	0.16
1974	21,173	126.10	113.62	8.24	3/	1.55	2.68	4/	
1975	21,537	126.07	113.17	8.59		1.52	2.78		
1976	21,935	127.91	115.67	8.49		1.55	2.21 5/		
1977	22,350	127.85	115.62	8.47		1.54	2.21		
1978	22,839	126.50	114.68	8.07		1.59	2.16		
1979	23,255	125.86	114.00	7.75		1.61	2.50		
1980	23,771	122.07	110.26	7.52		1.58	2.71		
1981	24,210	118.90	107.55	7.30		1.59	2.45		
1982	24,722	114.44	103.63	6.86		1.57	2.37		
1983	25,152	114.23	103.16	6.80		1.60	2.66		
1984	25,576	114.71	102.81	7.41		1.76	2.72		
1985	26,365	114.73	101.94	7.99		1.81	2.99		
1986	26,846	113.06	99.94	8.36		1.74	3.02		
1987	27,663	110.13	96.85	8.64		1.58	3.06		
1988	28,314	109.86	95.56	9.50		1.58	3.18		
1989	29,063	109.24	93.74	11.00		1.55	2.95		

CONTINUED....

TABLE 62. ESTIMATED CONSUMPTION AND MANUFACTURE PER CAPITA OF SELECTED DAIRY PRODUCTS IN CALIFORNIA, BY YEARS, 1972-1989 - CONTINUED

	Manufacture Per Capita									
					Frozen Products					
									Imitation	
	Cottage Cheese			Fluid		Ice	Ice		Ice	Ice
Year	Total	Creamed	Lowfat	Buttermilk	Total	Cream	Milk	Sherbet	Cream	Milk
	(Pounds)			(Quarts)	(Quarts)					
1972	8.22	6.32	1.89	2.93	23.41	14.50	5.59	1.18	0.92	1.21
1973	7.83	5.80	2.03	2.76	22.58	14.18	5.39	1.14	0.88	0.99
1974	7.06	5.15	1.91	2.47	23.34	15.16	5.44	1.16	0.76	0.80
1975	6.71	4.79	1.92	2.38	23.49	15.74	5.42	1.07	0.66	0.59
1976	6.85	4.88	1.98	2.46	22.90	15.83	4.96	1.16	0.48	0.47
1977	6.56	4.63	1.93	2.28	22.06	15.28	5.03	1.02	0.39	0.34
1978	6.41	4.41	2.00	2.13	22.05	15.45	5.08	0.92	0.34	0.26
1979	6.33	4.32	2.01	1.95	21.58	15.33	4.89	0.89	0.27	0.20
1980	6.16	4.06	2.10	1.81	21.33	15.26	4.84	0.84	0.22	0.16
1981	5.90	3.78	2.12	1.74	21.36	15.56	4.69	0.82	0.16	0.13
1982	5.44	3.45	1.99	1.57	20.85	15.41	4.49	0.77	0.10	0.09
1983	5.30	3.31	1.99	1.56	21.38	16.07	4.43	0.76	0.06	0.07
1984	5.51	3.37	2.14	1.58	22.20	16.68	4.62	0.79	0.04	0.07
1985	5.33	3.15	2.19	1.54	21.74	16.19	4.70	0.76	0.03	0.06
1986	5.36	3.04	2.32	1.58	21.42	15.96	4.71	0.70	0.02	0.02
1987	4.91	2.77	2.15	1.41	21.09	15.66	4.69	0.71	0.02	0.02
1988	4.42	2.42	2.00	1.46	21.53	15.14	5.63	0.72	0.02	0.02
1989	3.96	1.98	1.98	1.38	21.43	14.83	5.82	0.75	0.02	0.01

1/ Estimates have been computed from unrounded data.

2/ Yogurt was not included in Class 1 Products until 1974.

3/ Subsequent to 1973, flavored dairy drink sales have been categorized as either flavored fluid milk or flavored fluid skim milk sales depending on fat content.

4/ Subsequent to 1973, fluid cream sales have been excluded from Class 1 product sales.

5/ Subsequent to 1975, out-of-state yogurt sales have been excluded from Class 1 product sales.

MINIMUM PRICES

As specified in Division 21, Part 3, Chapter 2 of the Food and Agricultural Code of the State of California, the Milk Stabilization Branch establishes minimum prices to be paid to producers by handlers for market milk used in the various usage classifications for each marketing area in the State.

The Class 4a component prices for fat and solids-not-fat continue to be established, as they have been since September 22, 1965, by subtracting processing (manufacturing costs or "make") allowances from the finished product prices of butter and nonfat dry milk respectively.

When it was established on August 1, 1982; the Class 4b price was calculated in the same manner as and was set equal to the Class 4a price. On September 1, 1988 the Class 4b price was set at 4.52 cents per hundredweight less than the Class 4a price. On January 1, 1989, a "cheese mover" was incorporated into the formula for the Class 4b price so that its calculation considered the relationship between the commercial cheddar cheese price and the USDA cheese support purchase price. Effective August 1, 1989 the Class 4b price calculation was modified to also include consideration of cheddar cheese processing costs, yields, and moisture levels typical of California.

Since September 22, 1965, the Class 2 and 3 prices have been set by applying positive differentials to the Class 4 price.

Commencing August 1, 1978, minimum Class 1 prices were established by means of a mathematical formula. The factors used in the formula and their respective weights have been the following: cost of production, 43 percent; Class 4 price, 42 percent; and real net spendable earnings, 15 percent. Effective August 1, 1982, the real net spendable earnings factor was permanently replaced by an average weekly earnings factor. Effective December 1, 1989, the Class 4 price was replaced by a commodity reference price.

The Class 1, 2, and 3 prices are calculated bimonthly and the Class 4a and 4b prices are calculated monthly. All prices are subject to change as a result of public hearings.

Minimum class prices in effect during 1989 are shown in Tables 63 through 66.

TABLE 63. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MARKET MILK USED TO PRODUCE CLASS 1 PRODUCTS, BY MARKETING AREAS, 1989

PRODUCER PRICES, F.O.B. PROCESSING PLANT

Time Period	Marketing Area	Component Basis			Whole Milk Basis 1/	Weighted Average Basis 2/
		Fat	SNF	Fluid		
		($/Lb.)			($/Cwt.)	($/Cwt.)
January	Del Norte-Humboldt	1.4379	0.7277	0.0133	12.53	
	Northern California	1.4329	0.7277	0.0105	12.27	12.30
	South Valley	1.4329	0.7277	0.0087	12.11	
	Southern California	1.4379	0.7277	0.0130	12.50	
February and March	Del Norte-Humboldt	1.5164	0.7592	0.0149	13.22	
	Northern California	1.5114	0.7592	0.0121	12.96	12.99
	South Valley	1.5114	0.7592	0.0103	12.80	
	Southern California	1.5164	0.7592	0.0146	13.19	
April and May	Del Norte-Humboldt	1.5164	0.7592	0.0149	13.22	
	Northern California	1.5114	0.7592	0.0121	12.96	12.99
	South Valley	1.5114	0.7592	0.0103	12.80	
	Southern California	1.5164	0.7592	0.0146	13.19	
June and July	Del Norte-Humboldt	1.5164	0.7592	0.0149	13.22	
	Northern California	1.5114	0.7592	0.0121	12.96	12.98
	South Valley	1.5114	0.7592	0.0103	12.80	
	Southern California	1.5164	0.7592	0.0146	13.19	
August and September	Del Norte-Humboldt	1.5164	0.7592	0.0149	13.22	
	Northern California	1.5114	0.7592	0.0121	12.96	12.98
	South Valley	1.5114	0.7592	0.0103	12.80	
	Southern California	1.5164	0.7592	0.0146	13.19	
October and November	Del Norte-Humboldt	1.5501	0.7728	0.0155	13.51	
	Northern California	1.5451	0.7728	0.0127	13.25	13.28
	South Valley	1.5451	0.7728	0.0109	13.09	
	Southern California	1.5501	0.7728	0.0152	13.48	
December	Del Norte-Humboldt	1.4644	0.8475	0.0187	14.14	
	Northern California	1.4594	0.8475	0.0159	13.88	13.90
	South Valley	1.4594	0.8475	0.0141	13.72	
	Southern California	1.4644	0.8475	0.0184	14.11	

1/ Calculated based on 3.5 percent fat, 8.7 percent solids-not-fat, and 87.8 percent fluid carrier.

2/ Calculated for the State as a whole using market milk production in each marketing area for weighting.

TABLE 64. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MILK FAT USED TO PRODUCE CLASS 2, 3, 4A, AND 4B PRODUCTS, BY MARKETING AREAS, 1989

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
						(dollars per pound)							
Southern California	2	1.4812	1.4812	1.4812	1.4812	1.4812	1.4812	1.4812	1.4260	1.4620	1.4072	1.3660	1.3660
Del Norte-Humboldt	2	1.4519	1.4519	1.4519	1.4519	1.4519	1.4519	1.4519	1.3967	1.4327	1.3779	1.3367	1.3367
Northern California and South Valley	2	1.4789	1.4789	1.4789	1.4789	1.4789	1.4789	1.4789	1.4237	1.4597	1.4049	1.3637	1.3637
Southern California	3	1.4812	1.4812	1.4812	1.4812	1.4812	1.4812	1.4812	1.4260	1.4620	1.4072	1.3660	1.3660
Del Norte-Humboldt	3	1.4519	1.4519	1.4519	1.4519	1.4519	1.4519	1.4519	1.3967	1.4327	1.3779	1.3367	1.3367
Northern California and South Valley	3	1.4789	1.4789	1.4789	1.4789	1.4789	1.4789	1.4789	1.4237	1.4597	1.4049	1.3637	1.3637
All Areas	4a	1.4448	1.4448	1.4448	1.4448	1.4448	1.4448	1.3896	1.4256	1.3708	1.3296	1.3296	1.3296
	4b	1.4448	1.4448	1.4448	1.4448	1.4448	1.4448	1.3896	1.4256	1.3708	1.3296	1.3296	1.3296

TABLE 65. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR SOLIDS-NOT-FAT USED TO PRODUCE CLASS 2, 3, 4A, AND 4B PRODUCTS, BY MARKETING AREAS, 1989

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
						(dollars per pound)							
Southern California	2	0.6761	0.7428	0.6941	0.6941	0.7079	0.7057	0.7337	0.8406	0.9136	0.9895	1.0624	1.1889
Del Norte-Humboldt	2	0.6429	0.7126	0.6639	0.6639	0.6777	0.6755	0.7035	0.8104	0.8834	0.9593	1.0322	1.1587
Northern California and South Valley	2	0.6473	0.7170	0.6683	0.6683	0.6821	0.6799	0.7079	0.8148	0.8878	0.9637	1.0366	1.1631
Southern California	3	0.6416	0.7113	0.6626	0.6626	0.6764	0.6742	0.7022	0.8091	0.8821	0.9580	1.0309	1.1574
Del Norte-Humboldt	3	0.6416	0.7113	0.6626	0.6626	0.6764	0.6742	0.7022	0.8091	0.8821	0.9580	1.0309	1.1574
Northern California and South Valley	3	0.6416	0.7113	0.6626	0.6626	0.6764	0.6742	0.7022	0.8091	0.8821	0.9580	1.0309	1.1574
All Areas	4a	0.6211	0.6211	0.6211	0.6349	0.6327	0.6492	0.6982	0.7599	0.8893	0.9894	1.2424	1.0660
	4b	0.6698	0.6159	0.6159	0.6159	0.6159	0.6607	0.7676	0.8406	0.9165	0.9642	0.9894	0.9936

TABLE 66. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MARKET MILK USED TO PRODUCE CLASS 2, 3, 4A, AND 4B PRODUCTS, BY MARKETING AREAS, 1989

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
						(dollars per pound)							
Southern California	2	11.04	11.65	11.22	11.22	11.34	11.32	11.57	12.30	13.06	13.53	14.02	15.12
Del Norte-Humboldt	2	10.67	11.28	10.86	10.86	10.98	10.96	11.20	11.94	12.70	13.17	13.66	14.76
Northern California and South Valley	2	10.81	11.41	10.99	10.99	11.11	11.09	11.33	12.07	12.83	13.30	13.79	14.89
Southern California	3	10.77	11.37	10.95	10.95	11.07	11.05	11.29	12.03	12.79	13.26	13.75	14.85
Del Norte-Humboldt	3	10.66	11.27	10.85	10.85	10.97	10.95	11.19	11.93	12.69	13.16	13.65	14.75
Northern California and South Valley	3	10.76	11.36	10.94	10.94	11.06	11.04	11.28	12.02	12.78	13.25	13.74	14.84
All Areas	4a	10.46	10.46	10.46	10.58	10.56	10.70	10.94	11.60	12.53	13.26	15.46	13.93
	4b	10.88	10.42	10.42	10.42	10.42	10.80	11.54	12.30	12.77	13.04	13.26	13.30

1/ Prices have been calculated from the price information presented in Tables 64 and 65 on a f.o.b. Distributor's Plant basis for 3.5 percent butterfat and 8.7 percent solids-not-fat milk.

SALES OF MARKET WHOLE MILK AND LOWFAT MILK BY SIZE AND TYPE OF CONTAINER, AND BY TYPE OF TRADE

In October 1989, all market milk distributors in California were requested to complete a special one-page form relating to their sales of market whole milk and lowfat milk by size and type of container and by type of trade. A similar survey for each October has been made every year since 1951.

Table 67 contains summary tabulations of the data reported on the special survey forms used for October, 1989. In this table, all sales are expressed in gallon units. For example, sales in quarts, represents the number of gallons (expressed as quart units) sold rather than the number of quarts sold. This results in greater comparability and facilitates the computation of percentage distributions.

In 1989, sales by type of trade were reported under the headings of: wholesale, retail, cash-and-carry, peddler, and Federal Government. Since some routes, particularly for the smaller distributors and some of the peddlers, were probably "combination" routes, it seems likely that all sales were not properly classified as to type of trade. However, this factor is so small that it does not appear to have had any significant effect upon the overall results.

Users of these data should note that the survey summaries do not include all sales of fluid milk in California. For the State as a whole, the sales as reported in the summaries account for a sample of approximately 99.5 percent of all market whole milk and lowfat milk sales in California.

TABLE 67. REPORTED SALES OF MARKET WHOLE AND LOWFAT MILK IN CALIFORNIA, BY TYPE OF TRADE AND CONTAINER CHARACTERISTICS, OCTOBER 1989

Container Size and Type	Type of Trade										Container Size and Type Total Sales	
	Wholesale		Retail		Cash-and-Carry		Peddler		Federal Government			
	(gallons)	(percent) 1/	(gallons)	(percent)	(gallons)	(percent)	(gallons)	(percent)	(gallons)	(percent)	(gallons)	(percent)
Bulk	785,251	1.6	426	0.4	1,230	1.1	256,908	2.9	216,786	22.6	1,260,601	2.1
Dispensing	713,967	1.5	426	0.4	1,230	1.1	248,718	2.8	215,745	22.5	1,180,086	2.0
Other 3/	71,284	0.1					8,190	0.1	1,041	0.1	80,515	0.1
Ten-Quart	13,523	2/	5,578	4.9	1,825	1.7					20,926	2/
Gallon	28,973,581	59.6	46,367	40.4	55,468	50.5	4,908,694	55.1	414,217	43.2	34,398,327	58.6
Paper	82,229	0.2			4,738	4.3	17,152	0.2	4,971	0.5	109,090	0.2
Molded Plastic	28,891,352	59.4	46,367	40.4	50,730	46.2	4,891,542	54.9	409,246	42.7	34,289,237	58.4
Half Gallon	11,837,366	24.3	53,964	47.1	39,659	36.1	1,939,075	21.8	211,960	22.1	14,082,024	24.0
Glass	1,047	2/	22,624	19.7	16,369	14.9	5,598	0.1			45,638	0.1
Paper	10,496,043	21.6	20,983	18.3	14,472	13.2	1,570,099	17.6	210,835	22.0	12,312,432	21.0
Molded Plastic	1,340,276	2.8	10,357	9.0	8,818	8.0	363,378	4.1	1,125	0.1	1,723,954	2.9
Quart	2,493,518	5.1	4,782	4.2	3,744	3.4	386,803	4.3	28,180	2.9	2,917,027	5.0
Glass	12,967	2/	3,017	2.6	1,905	1.7	9,648	0.1			27,537	2/
Paper	2,479,854	5.1	1,765	1.5	1,413	1.3	377,155	4.2	28,180	2.9	2,888,367	4.9
Molded Plastic	697	2/			426	0.4					1,123	2/
Pint	1,149,318	2.4	1,294	1.1	4,508	4.1	297,605	3.3	14,078	1.5	1,466,803	2.5
One-Third Quart	827,256	1.7	1,723	1.5	1,369	1.2	268,245	3.0	13,696	1.4	1,112,289	1.9
Half-Pint	2,555,605	5.3	531	0.5	2,046	1.9	849,681	9.5	60,146	6.3	3,468,009	5.9
Type of Trade Total Sales	48,635,418	100.0	114,665	100.0	109,849	100.0	8,907,011	100.0	959,063	100.0	58,726,006	100.0

1/ All calculated percentages reflect rounding, therefore the addition of percentages for Types of Trade may not sum to 100 percent.

2/ Calculated percentage is either less than or equal to 0.05 percent.

3/ Includes 53,113 gallons sold in 4 to 10 ounce containers.

PLANTS REPORTING SALES OF FLUID MARKET MILK

The number of plants reporting sales of fluid market milk during the month of December, by county of plant location for the years 1979 through 1989 is shown in Table 68. During this ten-year period, the number of plants has decreased from 111 in 1979 to 59 in 1989; a decline of 47.0 percent.

TABLE 68. NUMBER OF PLANTS IN CALIFORNIA REPORTING SALES OF FLUID MARKET MILK DURING DECEMBER, BY COUNTIES OF PLANT LOCATION, 1979-1989

COUNTY	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
NORTH COAST											
DEL NORTE	1	1	1	1	1	1	1	1	1	1	
HUMBOLDT	2	2	2	2	2	2	1	1	1	1	1
MENDOCINO	2	1	1	1	1	1	1				
NORTH CENTRAL											
SHASTA	2	2	2	2	2	2	2	3	2	2	1
SISKIYOU	1	1	1	1	1	1	1	1	1	1	1
TRINITY											
NORTH EAST											
LASSEN											
MODOC											
PLUMAS											
CENTRAL COAST											
ALAMEDA	7	7	7	7	7	7	6	6	7	5	5
CONTRA COSTA	3	1	1	1	1	1	2	2	1	1	1
LAKE											
MARIN											
MONTEREY	2	2	2	2	1	1	1	1	1	1	1
NAPA	1	1	1	1	1	1	1				
SAN BENITO											
SAN FRANCISCO	1	1	1	1	1	1					
SAN LUIS OBISPO	2	2	2	2	2	1	1	1	1	1	1
SAN MATEO											
SANTA CLARA	5	3	3	3	2	2	2	2	2	2	2
SANTA CRUZ	1	1									
SONOMA	6	5	4	4	4	3	3	3	2	1	1
SACRAMENTO VALLEY											
BUTTE	1	1	1	1	1						
COLUSA											
GLENN											
SACRAMENTO	5	5	5	5	6	5	5	4	4	4	4
SOLANO					1	1	1	1	1	1	1
SUTTER											
TEHAMA											
YOLO											
YUBA											
SAN JOAQUIN VALLEY											
FRESNO	5	5	5	5	5	4	4	4	4	4	4
KERN	3	3	3	3	3	3	3	2	2	2	2
KINGS											
MADERA											
MERCED						1	1	1	1	1	1
SAN JOAQUIN	2	1	1	1	1	1	1	1	1	1	1
STANISLAUS	2	2	2	2	2	2	2	1	1	1	1
TULARE			1	1	1				1	1	1
SIERRA MOUNTAIN											
ALPINE											
AMADOR											
CALAVERAS											
EL DORADO											
INYO											
MARIPOSA											
MONO											
NEVADA											
PLACER											
SIERRA											
TUOLUMNE											
SOUTHERN CALIFORNIA											
IMPERIAL											
LOS ANGELES	35	29	25	25	22	20	17	15	16	15	16
ORANGE	7	5	4	4	4	3	4	4	4	4	5
RIVERSIDE	5	4	4	4	4	4	4	4	3	2	2
SAN BERNARDINO	4	3	3	3	3	3	4	4	4	4	4
SAN DIEGO	5	5	5	5	5	5	3	2	2	2	2
SANTA BARBARA											
VENTURA	1	1	1	1	1	1	1	1	1	1	1
STATE TOTAL	111	94	88	88	85	77	72	65	64	59	59

UNITED STATES DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE
P.O. BOX 1258
SACRAMENTO, CALIFORNIA 95812

OFFICIAL BUSINESS

To change your address or STOP mailing,
make notation on this sheet and send
to Agricultural Statistician, P.O. Box
1258, Sacramento, California 95812.
Please allow 8 weeks for change.

THIRD-CLASS BULK
POSTAGE & FEES PAID
USDA
PERMIT NO. G-38

S 10-1.7-u

CALIFORNIA
AGRICULTURAL
STATISTICS SERVICE

CALIFORNIA LIVESTOCK STATISTICS

1989

TABLE OF CONTENTS

TABLE PAGE

1 Livestock Ranking, California, 1989 1

2 Number of All Farms and Livestock Operations, California, 1980-89 1

3 Livestock and Poultry Inventory and Income Records, California 2

4 Cash Receipts from Farm Marketings of Livestock, Poultry and Honey Commodities, California, 1980-89 3

5 Livestock Production and Income, California, 1980-89 4

6 All Livestock on Farms, United States, January 1, 1990 5

7 Cattle on Farms, California, January 1, 1980-90 6

8 Cattle Operations and Inventory, Percentage by Size Groups, Selected States, 1988-89 6

9 Cattle Inventory, Supply and Disposition, California, 1980-89 6

10 All Cattle Inventory by County, California, January 1, 1986-90 7

11 Beef Cow Operations and Inventory, Percentage by Size Groups, Selected States, 1988-89 8

12 Cattle and Calves in Feedlots, By Districts, California, 1989-90 8

13 Cattle and Calves Marketed from Feedlots, California, 1980-89 8

14 Beef Cow Inventory by County, California, January 1, 1986-90 9

15 Range Conditions as Percentage of Normal Condition, California, 1980-89 10

16 Cattle and Calves Slaughtered Under Federal and State Inspection, California, 1980-89 10

17 Average Prices Received for Steers and Heifers, Cows and Calves, California, 1980-89 11

18 Milk Cows, Production and Price, California, 1980-89 12

19 Milk Cow Operations and Inventory, Percentage by Size Groups, Selected States, 1988-89 12

20 Average Prices Received for Milk Cows, California, 1980-89 12

21 Milk Cow Inventory by County, California, January 1, 1986-90 13

22 Sheep and Lambs on Farms, California, January 1, 1980-90 14

23 Sheep and Lambs Inventory, Supply and Disposition, California, 1980-89 14

24 Sheep and Lambs Shorn, Wool Production and Value, California, 1980-89 14

25 Sheep and Lambs Slaughtered Under Federal and State Inspection, California, 1980-89 15

26 Average Prices Received for Sheep and Lambs, California, 1980-89 15

27 Stock Sheep and Lambs Inventory by County, California, January 1, 1986-90 16

28 Hogs and Pigs on Farms, California, December 1, 1980-89 17

29 Sows Farrowed and Pigs Saved, California, 1980-89 17

30 Hogs and Pigs Slaughtered Under Federal and State Inspection, California, 1980-89 17

31 Hogs and Pigs Inventory, Supply and Disposition, California, 1980-89 18

32 All Hogs Inventory by County, California, December 1, 1985-89 19

FOREWORD

The information contained in this bulletin is published to assist individuals in the livestock industry to plan and make operational decisions. Ranchers, farmers and businessmen need reliable and accurate statistical data as a base for their planning.

This bulletin contains a compilation of official estimates of livestock inventory, production, income, and related statistical information for cattle and calves, sheep and lambs and hogs. The 1988 and earlier figures are revised; the 1989 figures are generally preliminary. The data contained herein supercedes any previous bulletins.

One of the primary functions of the California Agricultural Statistics Service is the preparation and release of data useful to agriculture. This office is one of 45 State Statistical offices of the National Agricultural Statistics Service, which is part of the United States Department of Agriculture. The California office operates under a cooperative agreement with the California Department of Food and Agriculture. As part of a Federal Agency, our functions are correlated with the National programs to provide uniform statistics regarding agriculture for the Nation. As a State service, this office develops information to fulfill local needs in the form of county estimates.

We appreciate the voluntary cooperation of ranchers, farmers and agri-businessmen in the gathering of data for our publications. Their faithful involvement in this data gathering effort is deeply appreciated; we extend our sincere thanks.

RON RADENZ
DEPUTY STATE STATISTICIAN

REIKO MORIYA
STATISTICAL ASSISTANT

LAWRENCE S. WILLIAMS
THOMAS E. MARR
GREGORY K. H. CHONG
AGRICULTURAL STATISTICIANS
ESTIMATES SECTION

JIM TIPPETT
STATE STATISTICIAN

JULY 1990

TABLE 1 – LIVESTOCK RANKING, CALIFORNIA, 1989

Commodity	Unit	CALIFORNIA			LEADING STATE	
		Data	Ranking Among States	Percent of United States	State	Data
ALL CATTLE & CALVES						
Cattle Operations a/	Number	31,000	19	2.3	Texas	142,000
Inventory b/	Thousand Head	4,900	5	4.9	Texas	13,400
Calf Crop	Thousand Head	1,850	5	4.6	Texas	5,000
BEEF COWS & CALVES						
Beef Cow operations a/	Number	18,000	20	1.9	Texas	125,000
Inventory b/	Thousand Head	955	13	2.8	Texas	5,310
Beef Production	Thousand Pounds	1,985,510	6	5.0	Texas	5,634,700
Value of Beef Production	Thousand Dollars	1,251,334	8	4.5	Texas	3,979,867
MILK COWS & CALVES						
Milk Cow Operations a/	Number	4,700	13	2.3	Wisconsin	34,000
Inventory b/	Thousand Head	1,115	2	11.0	Wisconsin	1,760
Milk Production	Thousand Pounds	19,353	2	13.4	Wisconsin	24,000
Value of Milk Production	Thousand Dollars	2,432	2	12.4	Wisconsin	3,228
SHEEP & LAMBS						
Number of Operations a/	Number	6,300	4	5.7	Iowa	10,000
Inventory b/	Thousand Head	955	2	8.4	Texas	2,090
Lamb Crop	Thousand Head	550	3	7.1	Texas	1,150
Lamb & Mutton Production	Thousand Pounds	66,985	2	8.6	Texas	126,657
Value of Meat Production	Thousand Dollars	43,356	2	9.7	Texas	75,296
Wool Production	Thousand Pounds	7,622	3	8.5	Texas	18,000
Value of Wool Production	Thousand Dollars	8,918	3	8.2	Texas	27,180
HOGS & PIGS						
Number of Operations a/	Number	4,900	24	1.6	Iowa	37,000
Inventory c/	Thousand Head	140	28	0.3	Iowa	13,500
Pig Crop	Thousand Head	232	29	0.3	Iowa	22,254
Production	Thousand Pounds	37,061	32	0.2	Iowa	5,543,845
Value of Production	Thousand Dollars	17,485	32	0.2	Iowa	2,379,234

a/ Number of operations with one or more head; may not be a farm.
b/ Inventory as of January 1, 1990.
c/ Inventory as of December 1, 1989.

TABLE 2 – NUMBER OF ALL FARMS AND LIVESTOCK OPERATIONS, CALIFORNIA, 1980-89

Year	All Farms	Cattle Operations a/	Beef Cow Operations a/	Milk Cow Operations a/	Sheep & Lamb Operations a/	Hog Operations a/
	Number					
1980	81,000	33,000	N/A	5,600	6,000	7,000
1981	83,000	35,000	N/A	5,600	6,600	6,500
1982	82,000	35,000	N/A	5,500	7,200	6,500
1983	82,000	35,000	N/A	5,500	7,000	6,300
1984	82,000	34,000	N/A	5,300	6,000	5,500
1985	83,000	33,000	N/A	5,200	6,000	5,000
1986	83,000	32,000	20,000	4,900	6,200	5,000
1987	83,000	31,000	19,000	4,700	6,000	4,900
1988	84,000	31,000	18,000	4,700	6,500	4,900
1989	84,000	31,000	18,000	4,700	6,300	4,900

a/ Number of operations with one or more head; may not be a farm.

TABLE 3 – LIVESTOCK AND POULTRY INVENTORY AND INCOME RECORDS, CALIFORNIA

Description	Unit	Date Series Began	Record Type	Record	Date a/ b/
INVENTORY RECORDS					
Cattle & Calves	Thousand Head	1920	High	5,250	1974
			Low	1,970	1926
Calf Crop	Thousand Head	1925	High	1,850	1988
			Low	730	1925
Beef Cows That Have Calved	Thousand Head	1920	High	1,160	1982
			Low	384	1931
Milk Cows That Have Calved	Thousand Head	1920	High	1,115	1990
			Low	515	1920
All Sheep & Lambs	Thousand Head	1860	High	8,400	1876
			Low	940	1989
Lamb Crop	Thousand Head	1924	High	2,352	1931
			Low	550	1989
Hogs & Pigs	Thousand Head	1860	High	1,060	1944
			Low	124	1974
Pig Crop	Thousand Head	1924	High	1,153	1943
			Low	174	1974
Hens & Pullets, Laying Age c/	Millions	1925	High	42.5	1972
			Low	12.2	1925
PRODUCTION AND INCOME RECORDS					
Cattle & Calf Production	Million Pounds	1924	High	2,093.7	1988
			Low	384.1	1925
Cattle & Calf Marketings	Million Pounds	1924	High	3,162.8	1974
			Low	578.2	1931
Gross Income of Cattle & Calf Production	Million Dollars	1924	High	1,902.8	1979
			Low	25.9	1933
Milk Production	Million Gallons	1924	High	19,353.0	1989
			Low	4,151.0	1935
Gross Income of Milk Production	Million Dollars	1924	High	2,431.7	1989
			Low	326.6	1924
Lamb & Mutton Production	Million Pounds	1924	High	166.3	1939
			Low	61.6	1977
Lamb & Mutton Marketings	Million Pounds	1924	High	200.2	1942
			Low	73.6	1977
Gross Income of Lamb & Mutton Production	Million Dollars	1924	High	79.5	1987
			Low	7.0	1932
Hog & Pig Production	Million Pounds	1924	High	214.3	1943
			Low	37.0	1988
Hog & Pig Marketings	Million Pounds	1924	High	203.3	1944
			Low	36.4	1974
Gross Income of Pork Production	Million Pounds	1924	High	36.8	1948
			Low	5.1	1932
Egg Production	Millions	1925	High	9,012.0	1971
			Low	1,452.0	1975
Wool Production	Million Pounds	1920	High	26.1	1931
			Low	7.1	1988
Wool Income	Million Dollars	1944	High	12.6	1957
			Low	2.1	1971

a/ Inventory records as of January 1 except for hogs and pigs that refer to December 1.
b/ Production, marketing and income records refer to entire year specified.
c/ December 1 preceding years after 1970.

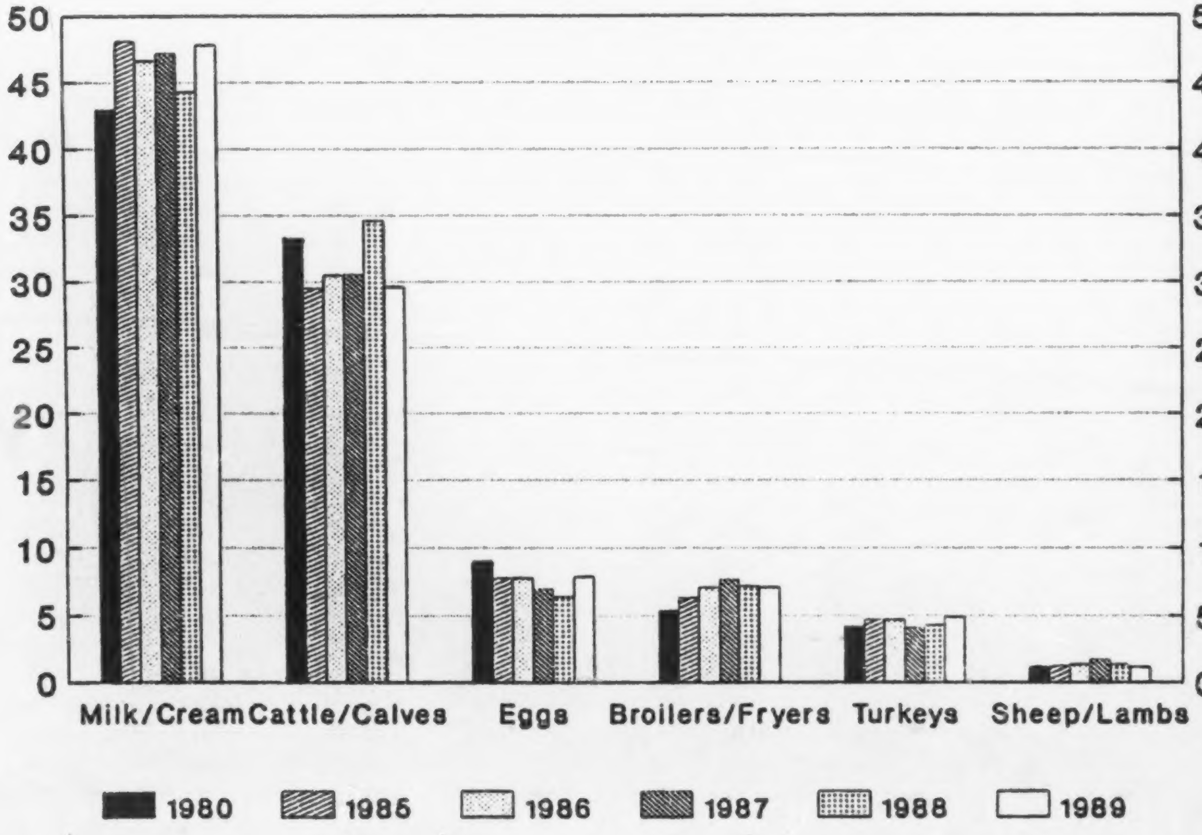
TABLE 4 – CASH RECEIPTS FROM FARM MARKETINGS OF LIVESTOCK, POULTRY AND HONEY COMMODITIES, CALIFORNIA, 1980-89

Year	Cattle & Calves	Sheep & Lambs	Hogs & Pigs a/	Wool	Turkeys a/	Chickens a/	Broilers a/	Eggs a/	Milk & Cream	Misc. Livestock & Poultry	Honey	Total Cash Receipts
							Thousand Dollars					
1980	1,368,156	48,663	27,754	9,221	178,760	8,264	220,828	369,744	1,770,324	99,998	12,526	4,114,238
1981	1,262,907	37,867	29,627	10,006	182,068	9,544	257,494	397,826	1,943,229	90,534	5,145	4,226,247
1982	1,481,400	52,541	28,169	7,315	157,560	5,823	259,637	362,852	1,941,197	83,891	N/A	4,380,385
1983	1,325,141	44,358	27,952	6,105	145,642	5,390	252,628	371,417	1,945,068	36,269	N/A	4,159,970
1984	1,463,485	51,209	26,811	7,599	178,162	8,095	296,894	409,313	1,988,136	99,073	N/A	4,528,777
1985	1,275,693	51,771	22,142	5,448	204,672	7,372	274,495	335,500	2,077,806	69,323	N/A	4,324,222
1986	1,347,044	57,830	28,134	5,431	208,926	7,673	312,736	347,362	2,058,238	47,337	14,602	4,435,313
1987	1,350,012	74,034	33,414	6,300	180,081	5,580	341,053	307,548	2,083,001	31,076	8,085	4,420,184
1988	1,616,615	61,250	20,860	10,157	200,340	3,996	339,094	297,786	2,072,368	53,974	10,192	4,686,632
1989	1,504,754	55,863	17,423	8,918	248,820	5,864	360,592	401,825	2,430,691	49,559	8,186	5,092,495

a/ Marketings ending December 1.

California Livestock Cash Receipts

1980, 1985-1989 Percentage Comparison



Percent of Total Receipts

TABLE 5 – LIVESTOCK PRODUCTION AND INCOME, CALIFORNIA, 1980-89

Year	Production a/	Marketings b/	Average Price per 100 Pounds		Value of Production	Cash Receipts c/	Value of Home Consumption	Gross Income
	- - Thousand Pounds - -		- Dollars -		- - - - - - - Thousand Dollars - - - - - - -			
TOTAL MEAT ANIMALS								
1980	1,687,524	2,295,281	—	—	1,061,878	1,444,573	32,070	1,476,643
1981	1,861,186	2,315,394	—	—	1,067,758	1,330,401	23,063	1,353,464
1982	1,980,315	2,875,701	—	—	1,077,108	1,562,110	29,309	1,591,419
1983	1,830,543	2,621,744	—	—	978,396	1,397,451	27,120	1,424,571
1984	2,029,620	2,864,716	—	—	1,092,899	1,541,505	32,151	1,573,656
1985	1,924,055	2,733,850	—	—	956,014	1,394,606	22,181	1,371,787
1986	1,983,133	3,020,041	—	—	945,784	1,433,008	22,937	1,455,945
1987	1,958,050	2,542,454	—	—	1,131,449	1,457,460	22,365	1,479,825
1988	2,224,379	2,733,773	—	—	1,383,835	1,698,725	26,352	1,725,077
1989	2,089,556	2,523,636	—	—	1,312,175	1,578,040	20,764	1,598,804
CATTLE AND CALVES								
			(Cattle)	(Calves)				
1980	1,545,370	2,144,665	63.60	71.60	991,346	1,368,156	28,024	1,396,180
1981	1,735,435	2,178,880	57.90	60.20	1,005,620	1,262,907	18,735	1,281,642
1982	1,850,875	2,721,850	54.40	55.70	1,007,303	1,481,400	25,001	1,506,401
1983	1,697,660	2,482,300	53.30	57.10	908,818	1,325,141	23,209	1,348,350
1984	1,896,490	2,717,500	53.80	56.30	1,021,120	1,463,485	27,561	1,491,046
1985	1,800,100	2,604,400	48.80	55.80	883,678	1,275,693	17,513	1,293,206
1986	1,851,090	2,873,100	46.70	53.70	868,352	1,347,044	18,302	1,365,346
1987	1,817,500	2,382,400	56.30	71.60	1,035,305	1,350,012	18,819	1,368,831
1988	2,110,810	2,596,200	61.80	82.70	1,314,188	1,616,615	23,240	1,639,855
1989	1,985,510	2,401,210	62.20	83.20	1,251,334	1,504,754	17,158	1,521,912
SHEEP AND LAMBS								
			(Sheep)	(Lambs)				
1980	71,202	83,050	16.10	63.00	41,780	48,663	1,494	50,157
1981	64,675	74,965	17.00	56.30	32,947	37,867	1,963	39,830
1982	79,151	105,890	18.60	54.50	40,964	52,541	2,099	54,640
1983	76,925	85,284	17.90	56.40	40,852	44,358	1,832	46,190
1984	78,520	93,344	17.40	59.70	44,694	51,209	2,327	53,536
1985	73,145	82,708	23.10	68.30	48,343	51,771	2,405	54,176
1986	73,668	93,115	23.20	68.60	46,988	57,830	2,114	59,944
1987	81,478	102,502	25.10	74.90	61,907	74,034	1,305	75,339
1988	72,224	93,609	23.60	70.30	50,091	61,250	990	62,240
1989	66,985	85,901	21.10	69.30	43,356	55,863	1,447	57,310
HOGS AND PIGS								
1980	70,952	67,566	40.90	—	28,752	27,754	2,552	30,306
1981	61,076	61,549	48.00	—	29,191	29,627	2,365	31,992
1982	50,289	47,961	58.20	—	28,841	28,169	2,209	30,378
1983	55,958	54,160	51.50	—	28,726	27,952	2,079	30,031
1984	54,610	53,872	49.70	—	27,085	26,811	2,263	29,074
1985	50,810	46,742	47.30	—	23,993	22,142	2,263	24,405
1986	58,375	53,826	52.20	—	30,444	28,134	2,521	30,655
1987	59,072	57,552	58.00	—	34,237	33,414	2,241	35,655
1988	41,345	43,964	47.00	—	19,556	20,860	2,122	22,982
1989	37,061	36,525	45.70	—	17,485	17,423	2,159	19,582

a/ Adjustments made for changes in inventory and for inshipments.
b/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State.
c/ Receipts from marketing and sale of farm slaughter.

TABLE 6 – ALL LIVESTOCK ON FARMS, UNITED STATES, JANUARY 1, 1990

State and Region	Cattle & Calves			Stock Sheep & Lambs	All Hogs a/	Livestock on Feed	
	All	Cows & Heifers that have Calved				Cattle & Calves b/	Sheep & Lambs c/
		Beef	Milk				
	Thousand Head						
Alabama	1,780	890	40	—	300	30	—
Alaska	8.2	2.6	1.4	2.5	0.7	—	—
Arizona	830	259	91	220	100	253	42
Arkansas	1,750	922	69	—	710	10	—
CALIFORNIA	4,900	955	1,115	775	140	490	180
Colorado	2,900	774	76	455	230	900	385
Connecticut	76	7	34	9.9	6.2	—	—
Delaware	31	2	9	—	32	—	—
Florida	1,925	1,083	182	—	140	20	—
Georgia	1,450	671	109	—	1,200	13	—
Hawaii	205	75	11	—	39	16	—
Idaho	1,660	530	170	280	72	200	16
Illinois	1,950	555	195	138	5,700	310	21
Indiana	1,300	380	160	82	4,350	235	8
Iowa	4,700	1,202	308	400	13,500	980	90
Kansas	5,700	1,390	98	185	1,450	1,595	102
Kentucky	2,420	1,040	210	35	975	20	—
Louisiana	1,100	625	85	17	55	9	—
Maine	116	16	43	20	9.3	—	—
Maryland	315	36	106	32	180	12	—
Massachusetts	71	11	31	17	33	—	—
Michigan	1,225	131	344	92	1,260	220	29
Minnesota	2,650	360	715	210	4,450	300	75
Mississippi	1,390	717	63	—	180	8	—
Missouri	4,500	1,979	226	120	2,700	90	18
Montana	2,350	1,368	24	640	220	80	23
Nebraska	5,800	1,755	105	135	4,200	2,060	42
Nevada	570	290	20	97	14	28	4
New Hampshire	46	4	19	13	8.7	—	—
New Jersey	70	10	26	14	30	2	—
New Mexico	1,380	610	67	473	25	118	22
New York	1,540	75	790	92	124	18	—
North Carolina	900	366	104	15	2,570	20	—
North Dakota	1,750	912	88	152	280	40	34
Ohio	1,680	380	354	205	2,080	210	65
Oklahoma	5,300	1,900	100	115	230	325	14
Oregon	1,400	592	98	345	90	84	110
Pennsylvania	1,890	196	694	134	975	80	—
Rhode Island	7.0	1.3	2.2	—	5.9	—	—
South Carolina	590	278	37	—	430	17	—
South Dakota	3,380	1,505	140	535	1,720	260	55
Tennessee	2,325	1,020	195	12	700	20	—
Texas	13,400	5,310	390	1,890	500	2,100	200
Utah	800	333	80	485	27	41	24
Vermont	297	14	167	30	5.7	—	—
Virginia	1,700	699	141	122	450	30	43
Washington	1,330	379	221	83	56	170	—
West Virginia	490	245	25	77	32	7	—
Wisconsin	4,170	180	1,760	90	1,250	120	15
Wyoming	1,220	650	10	740	16	75	100
UNITED STATES d/	99,337	33,705	10,149	9,651	53,852	11,626	1,717

a/ December 1 preceding year.
b/ Included in All Cattle and Calves.
c/ Not included in Stock Sheep
d/ Includes unpublished states.

TABLE 7 – CATTLE ON FARMS, CALIFORNIA, JANUARY 1, 1980-90

Year	Cows That Have Calved			Heifers 500 Lbs. & Over			Other Cattle			
				Replacements						
	Beef	Dairy	All	Beef Cow	Milk Cow	Other Heifers	Calves Under 500 Lbs.	Bulls 500 Lbs. & Over	Steers 500 Lbs. & Over	All Cattle & Calves
	Thousand Head									
1980	869	878	1,747	209	337	164	1,019	73	1,001	4,550
1981	995	909	1,904	205	405	166	1,190	76	814	4,760
1982	1,160	940	2,100	210	425	265	1,115	85	800	5,000
1983	1,030	940	1,970	245	465	220	1,044	85	871	4,900
1984	1,013	957	1,970	210	445	245	1,200	80	850	5,000
1985	1,005	1,005	2,010	195	470	240	1,114	80	851	4,960
1986	980	1,076	2,056	165	490	195	1,134	70	890	5,000
1987	970	1,062	2,032	155	470	175	1,068	65	785	4,750
1988	920	1,071	1,991	155	475	164	1,020	65	780	4,650
1989	927	1,095	2,022	150	485	190	983	65	805	4,700
1990	955	1,115	2,070	155	550	195	1,050	70	810	4,900

TABLE 8 – CATTLE OPERATIONS AND INVENTORY, PERCENTAGE BY SIZE GROUPS, SELECTED STATES, 1988-89

State	1 - 99 Head				100 - 499 Head				500 + Head			
	Operations		Inventory		Operations		Inventory		Operations		Inventory	
	1988	1989	1988	1989	1988	1989	1988	1989	1988	1989	1988	1989
	Percent											
CALIFORNIA	79.4	78.1	8.4	7.6	13.6	14.5	23.4	21.4	7.0	7.4	68.2	71.0
Iowa	72.1	69.4	30.0	29.0	26.4	29.0	52.0	54.0	1.5	1.6	18.0	17.0
Kansas	72.0	69.8	17.4	16.6	24.0	26.0	32.1	35.0	4.0	4.2	50.5	48.4
Missouri	85.0	85.0	46.0	45.7	14.4	14.4	45.6	46.0	0.6	0.6	8.4	8.3
Nebraska	60.9	59.9	13.8	13.0	33.5	34.0	37.1	35.0	5.6	6.1	49.1	52.0
Oklahoma	79.8	80.0	30.3	30.0	18.1	17.9	40.4	40.0	2.1	2.1	29.3	30.0
South Dakota	52.0	53.0	15.0	15.0	43.0	42.2	56.0	55.0	5.0	4.8	29.0	30.0
Texas	84.7	84.0	24.4	26.0	12.8	13.6	29.6	30.0	2.5	2.4	46.0	44.0
Wisconsin	74.3	73.7	43.0	41.6	25.7	26.3	53.7	55.0	a/	a/	3.3	3.4
UNITED STATES	82.7	82.3	30.1	30.0	15.6	16.0	39.0	39.0	1.7	1.7	30.9	31.0

a/ Combined with other size groups.

TABLE 9 – CATTLE INVENTORY, SUPPLY AND DISPOSITION, CALIFORNIA, 1980-89

Year	Beginning Inventory January 1	Calf Crop	Inshipments	Marketings a/		Farm Slaughter Cattle & Calves b/	Deaths		Ending Inventory January 1
				Cattle	Calves		Cattle	Calves	
	Thousand Head								
1980	4,550	1,630	1,065	1,940	254	21	85	185	4,760
1981	4,760	1,710	1,013	1,938	265	20	80	180	5,000
1982	5,000	1,700	1,207	2,439	275	28	85	180	4,900
1983	4,900	1,730	1,150	2,222	274	26	98	160	5,000
1984	5,000	1,740	1,230	2,438	295	27	95	155	4,960
1985	4,960	1,760	1,200	2,314	340	26	75	165	5,000
1986	5,000	1,780	1,220	2,554	380	26	100	190	4,750
1987	4,750	1,740	846	2,123	286	25	90	162	4,650
1988	4,650	1,850	867	2,125	292	25	85	140	4,700
1989	4,700	1,850	814	1,982	255	17	70	140	4,900

a/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales.

b/ Excludes custom slaughter for farmers at commercial establishments.

TABLE 10 – ALL CATTLE INVENTORY BY COUNTY, CALIFORNIA, JANUARY 1, 1986-90

County	1986	1987	1988	1989	1990
			Number of Head		
Del Norte	12,000	11,000	9,100	11,000	11,800
Humboldt	75,000	72,000	70,700	72,000	78,200
Mendocino	30,000	27,000	26,200	28,000	28,000
	117,000	110,000	106,000	111,000	118,000
Shasta	62,000	54,500	53,500	53,000	55,500
Siskiyou	91,000	91,000	89,000	90,000	90,000
Trinity	3,000	2,500	2,500	3,000	3,500
	156,000	148,000	145,000	146,000	149,000
Lassen	97,000	97,000	81,000	100,000	100,000
Modoc	78,000	70,000	51,800	57,000	60,000
Plumas	22,000	20,000	20,200	18,000	12,000
	197,000	187,000	153,000	175,000	172,000
Alameda	31,000	31,000	29,400	25,000	29,000
Contra Costa	35,000	35,000	29,500	33,000	36,000
Lake	9,000	8,000	7,300	7,200	7,500
Marin	20,000	20,000	19,300	20,000	22,000
Monterey	190,000	185,000	179,000	170,000	141,000
Napa	9,000	8,500	8,100	9,000	9,000
San Benito	68,000	62,000	62,700	57,000	59,000
San Francisco	—	—	—	—	—
San Luis Obispo	140,000	123,000	121,000	110,000	116,000
San Mateo	7,000	7,500	6,100	6,000	6,400
Santa Clara	55,000	50,000	63,700	53,000	56,000
Santa Cruz	4,400	5,000	3,900	2,800	3,100
Sonoma	132,000	125,000	114,000	125,000	127,000
	700,400	660,000	644,000	618,000	612,000
Butte	30,000	27,000	27,300	29,000	30,000
Colusa	20,100	21,000	22,200	23,500	28,000
Glenn	60,000	56,000	51,500	55,000	58,000
Sacramento	126,000	113,000	109,000	130,000	130,000
Solano	37,000	35,000	34,900	33,000	41,000
Sutter	13,000	12,000	11,000	12,500	15,000
Tehama	63,000	60,000	53,100	56,000	60,000
Yolo	17,000	14,000	15,100	16,000	16,000
Yuba	44,000	42,000	39,900	45,000	47,000
	410,100	380,000	364,000	400,000	425,000
Fresno	365,000	355,000	354,000	374,000	390,000
Kern	217,000	225,000	212,000	196,000	215,000
Kings	140,000	130,000	202,000	203,000	212,000
Madera	100,000	105,000	101,000	98,000	106,000
Merced	358,000	340,000	323,000	316,000	337,000
San Joaquin	255,000	250,000	253,000	241,000	264,000
Stanislaus	321,000	315,000	293,000	281,000	306,000
Tulare	367,000	360,000	333,000	342,000	362,000
	2,123,000	2,080,000	2,071,000	2,051,000	2,192,000
Alpine	8,000	8,000	7,900	7,800	8,000
Amador	17,000	16,000	16,200	19,500	20,000
Calaveras	33,000	31,000	30,300	28,500	30,000
El Dorado	15,000	15,000	15,200	16,500	17,000
Inyo	16,000	20,000	19,800	23,000	23,000
Mariposa	26,000	24,000	23,200	25,000	25,000
Mono	5,000	5,000	5,100	7,000	8,000
Nevada	5,500	5,000	5,500	6,500	6,400
Placer	29,000	27,000	26,300	28,000	28,000
Sierra	9,000	9,000	8,800	10,700	11,600
Tuolumne	17,000	15,000	15,700	16,500	17,000
	180,500	175,000	174,000	189,000	194,000
Imperial	350,000	260,000	259,000	290,000	306,000
Los Angeles	39,000	34,000	35,000	35,000	36,000
Orange	13,000	11,000	10,100	9,000	10,000
Riverside	197,000	191,000	190,000	181,000	187,000
San Bernardino	321,000	320,000	319,000	318,000	333,000
San Diego	57,000	53,000	54,000	49,000	35,000
Santa Barbara	119,000	122,000	110,000	109,000	112,000
Ventura	20,000	19,000	15,900	19,000	19,000
	1,116,000	1,010,000	993,000	1,010,000	1,038,000
STATE TOTAL	5,000,000	4,750,000	4,650,000	4,700,000	4,900,000

TABLE 11 – BEEF COW OPERATIONS AND INVENTORY, PERCENTAGE BY SIZE GROUPS, SELECTED STATES, 1988-89

State	1 - 99 Head				100 + Head			
	Operations		Inventory		Operations		Inventory	
	1988	1989	1988	1989	1988	1989	1988	1989
	Percent							
CALIFORNIA	87.2	86.9	26.7	25.0	12.8	13.1	73.3	75.0
Iowa	94.0	94.2	72.1	77.0	6.0	5.8	27.9	23.0
Kansas	90.3	88.0	56.3	52.0	9.7	12.0	43.7	48.0
Missouri	95.7	95.4	74.5	74.0	4.3	4.6	25.5	26.0
Nebraska	78.3	79.0	34.9	36.0	21.7	21.0	65.1	64.0
Oklahoma	91.8	92.2	62.2	62.0	8.2	7.8	37.8	38.0
South Dakota	74.0	74.0	35.0	33.0	26.0	26.0	65.0	67.0
Texas	92.7	92.4	50.8	52.0	7.3	7.6	49.2	48.0
Wisconsin	98.6	98.0	81.3	80.0	1.4	2.0	18.7	20.0
UNITED STATES	93.1	92.9	54.2	54.0	6.9	7.1	45.8	46.0

TABLE 12 – CATTLE AND CALVES IN FEEDLOTS, BY DISTRICTS, CALIFORNIA, 1989-90

Month and Year	Sacramento Valley North Coast and Central Coast	San Joaquin Valley Less Kern County	So. California Plus Kern Less Imperial Valley	Imperial Valley	State Total
	Thousand Head				
1989					
January 1	38.8	132.1	28.1	286.0	485.0
February 1	29.4	117.4	24.9	253.3	425.0
March 1	20.1	98.7	23.4	282.8	425.0
April 1	16.3	89.6	22.9	261.2	390.0
May 1	14.6	89.3	23.3	242.8	370.0
June 1	15.4	109.9	26.3	228.4	380.0
July 1	19.5	129.2	26.1	225.2	400.0
August 1	22.5	139.7	27.8	255.0	445.0
September 1	22.1	145.7	26.2	266.0	460.0
October 1	23.4	154.9	28.1	288.6	495.0
November 1	27.0	151.8	28.2	288.0	495.0
December 1	19.5	149.8	31.7	289.0	490.0
1990					
January 1	29.4	138.1	29.7	292.8	490.0
February 1	27.0	119.3	29.2	289.5	465.0
March 1	26.0	102.9	26.1	275.0	430.0
April 1	18.3	94.9	22.6	254.2	390.0
May 1	19.2	104.8	24.4	251.6	400.0

TABLE 13 – CATTLE AND CALVES MARKETED FROM FEEDLOTS, CALIFORNIA, 1980-89

Year	January-March	April-June	July-September	October-December	Total
	Thousand Head				
1980	335	294	343	281	1,253
1981	288	275	298	278	1,139
1982	301	282	277	286	1,146
1983	245	245	257	281	1,028
1984	263	288	295	285	1,131
1985	257	257	290	245	1,049
1986	203	190	220	226	839
1987	185	160	200	220	765
1988	205	200	210	235	850
1989	240	240	200	250	930

TABLE 14 – BEEF COW INVENTORY BY COUNTY, CALIFORNIA, JANUARY 1, 1986-90

County	1986	1987	1988	1989	1990
			Number of Head		
Del Norte	1,200	1,200	1,200	1,000	1,100
Humboldt	27,000	27,000	24,600	23,900	29,200
Mendocino	14,800	13,800	13,200	13,100	13,700
	43,000	42,000	39,000	38,000	44,000
Shasta	17,000	16,000	16,000	17,000	19,200
Siskiyou	49,000	52,000	50,500	50,000	50,000
Trinity	2,000	2,000	1,500	2,000	1,800
	68,000	70,000	68,000	69,000	71,000
Lassen	55,000	52,000	50,000	54,000	53,000
Modoc	54,000	49,000	42,000	33,000	41,000
Plumas	12,000	12,000	12,000	13,000	10,000
	121,000	113,000	104,000	100,000	104,000
Alameda	13,000	12,000	12,300	12,500	13,800
Contra Costa	11,500	11,000	10,100	11,000	11,000
Lake	4,000	3,500	3,200	3,500	3,000
Marin	4,000	4,500	4,200	5,000	5,400
Monterey	46,000	51,000	48,100	48,000	45,000
Napa	4,700	3,500	3,800	4,200	4,000
San Benito	19,000	18,000	16,200	17,500	15,000
San Francisco	—	—	—	—	—
San Luis Obispo	50,300	49,000	47,000	53,000	55,000
San Mateo	3,000	3,500	3,200	3,500	3,700
Santa Clara	17,000	17,000	16,400	15,800	16,000
Santa Cruz	1,500	1,000	1,000	1,400	1,300
Sonoma	18,000	17,000	16,500	15,600	16,800
	192,000	191,000	182,000	191,000	190,000
Butte	12,000	11,500	9,900	10,000	12,700
Colusa	12,000	13,000	13,300	14,500	16,900
Glenn	11,500	12,000	12,300	12,800	12,800
Sacramento	28,000	28,000	27,700	29,700	32,000
Solano	12,000	13,000	12,300	12,000	13,900
Sutter	4,500	4,000	3,800	4,400	5,400
Tehama	34,000	33,000	30,300	32,000	33,000
Yolo	7,000	7,000	6,200	6,600	7,600
Yuba	7,000	6,500	6,200	6,000	6,700
	128,000	128,000	122,000	128,000	141,000
Fresno	42,000	41,000	37,800	33,000	38,000
Kern	52,000	53,000	51,000	51,000	54,000
Kings	4,000	4,000	3,000	4,000	3,800
Madera	17,000	16,000	14,500	14,000	12,200
Merced	48,000	46,000	41,700	41,000	40,000
San Joaquin	33,000	35,000	34,200	33,000	35,000
Stanislaus	34,000	34,000	33,700	34,500	35,000
Tulare	31,000	31,000	30,100	31,500	29,000
	261,000	260,000	246,000	242,000	247,000
Alpine	2,000	2,000	1,700	2,000	2,200
Amador	7,500	7,500	7,000	7,600	7,200
Calaveras	15,500	15,000	14,200	13,800	13,800
El Dorado	8,000	9,000	8,800	8,600	7,900
Inyo	15,000	13,500	11,000	10,700	10,200
Mariposa	14,500	14,000	13,100	13,000	13,700
Mono	2,500	2,500	2,300	2,400	2,500
Nevada	2,500	3,500	4,800	6,500	5,300
Placer	13,000	13,000	12,800	12,500	11,600
Sierra	4,500	5,000	4,800	5,500	5,500
Tuolumne	8,000	8,000	7,500	8,400	8,100
	93,000	93,000	88,000	91,000	88,000
Imperial	4,500	4,000	3,500	2,000	8,000
Los Angeles	2,500	3,000	3,000	3,000	3,000
Orange	4,000	4,500	4,800	4,800	3,900
Riverside	2,500	2,500	2,500	2,500	2,900
San Bernardino	4,000	5,000	5,500	5,400	4,200
San Diego	11,000	10,000	9,600	8,800	8,300
Santa Barbara	36,500	35,500	34,000	34,000	33,000
Ventura	9,000	8,500	8,100	7,500	6,700
	74,000	73,000	71,000	68,000	70,000
STATE TOTAL	980,000	970,000	920,000	927,000	955,000

TABLE 15 – RANGE CONDITIONS AS PERCENTAGE OF NORMAL CONDITION, CALIFORNIA, 1980-90 a/

Year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yearly Average
					Percent					
1980	95	93	95	93	89	88	86	85	73	89
1981	88	86	88	89	84	83	81	82	93	86
1982	81	95	95	94	94	90	89	88	98	92
1983	84	94	100	98	95	92	91	91	96	93
1984	84	80	80	82	79	81	81	82	89	82
1985	79	83	78	78	78	76	77	80	83	79
1986	b/	96	94	90	89	89	89	88	b/	91
1987	b/	69	72	74	70	69	70	66	b/	70
1988	b/	63	69	68	67	64	66	62	b/	66
1989	b/	73	71	66	61	60	61	72	b/	66
1990	b/	57	50	–	–	–	–	–	b/	–
Average 1980-89	b/	83	84	83	81	79	79	80	b/	81

a/ Equivalent of reported conditions: 35-49 severe drought, 50-64 very poor, 65-79 poor to fair, 80+ good to excellent.
b/ Not available.

NOTE: Figures relate to condition about the first of the month.

TABLE 16 – CATTLE AND CALVES SLAUGHTERED
UNDER FEDERAL AND STATE INSPECTION, CALIFORNIA, 1980-89

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total a/
						Thousand Head							
						CATTLE							
1980	182	168	153	167	169	169	173	172	170	175	131	145	1,972
1981	155	136	150	147	147	168	170	162	164	162	144	154	1,859
1982	—	—	471	—	—	501	—	—	487	—	—	431	1,889
1983	140	126	138	135	141	154	138	153	146	143	132	139	1,684
1984	138	138	145	139	156	154	153	168	134	157	126	127	1,735
1985	147	124	127	130	151	140	153	143	127	134	112	120	1,608
1986	131	104	112	127	136	134	145	133	128	135	109	126	1,521
1987	120	97	107	114	107	122	124	114	106	109	98	110	1,328
1988	105	100	110	100	102	108	103	111	94	95	93	95	1,215
1989	99	89	98	90	106	101	93	99	94	102	97	92	1,158
						CALVES							
1980	20	23	21	18	17	19	20	18	17	16	13	15	216
1981	19	18	20	15	14	18	18	18	18	17	17	20	212
1982	—	—	63	—	—	55	—	—	59	—	—	54	231
1983	20	20	22	17	17	19	19	22	21	20	21	21	236
1984	23	24	24	22	23	21	23	23	20	22	21	21	267
1985	25	22	23	22	24	20	27	25	24	25	24	28	288
1986	29	27	28	30	31	30	30	24	25	24	21	26	325
1987	26	24	28	23	22	24	24	22	21	18	19	21	272
1988	19	18	19	16	14	13	14	15	13	11	10	12	174
1989	13	11	11	8	9	9	9	10	9	8	7	8	112

a/ Totals may not equal sum of parts due to rounding.

TABLE 17 – AVERAGE PRICES RECEIVED FOR STEERS AND HEIFERS, COWS AND CALVES, CALIFORNIA, 1980-89

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
						Dollars Per Cwt.							
						ALL BEEF CATTLE							
1980	63.60	65.40	63.90	61.60	61.00	61.60	64.70	66.30	65.20	64.70	63.00	61.80	63.60
1981	61.60	60.20	59.40	60.00	59.50	57.60	56.80	55.80	59.30	56.00	52.10	50.40	57.90
1982	50.50	51.80	54.00	59.00	60.00	56.20	54.90	55.20	54.10	51.30	51.40	50.80	54.40
1983	52.10	55.00	56.50	57.20	56.50	55.50	53.10	52.30	49.70	50.00	50.10	51.70	53.30
1984	53.20	55.00	55.80	56.50	54.30	52.80	53.10	54.50	52.40	52.40	52.50	52.70	53.80
1985	51.30	53.90	51.60	48.40	50.20	48.80	46.80	45.90	44.40	46.90	48.30	50.10	48.80
1986	49.40	47.80	46.30	42.40	43.40	42.40	45.60	47.20	49.70	49.90	48.90	49.40	46.70
1987	50.50	52.80	53.80	55.50	57.10	56.60	56.50	57.50	60.00	58.20	56.00	59.30	56.30
1988	59.10	62.60	63.00	63.70	64.70	61.80	59.50	62.50	62.30	60.10	59.50	60.60	61.80
1989	59.60	62.10	63.50	60.30	63.40	61.70	62.70	63.40	62.00	62.30	62.70	62.10	62.20
						BEEF STEERS AND HEIFERS							
1980	66.50	68.30	67.60	65.60	65.00	65.80	69.10	70.20	68.60	68.10	66.90	67.70	67.50
1981	67.20	64.30	62.90	64.60	64.40	62.90	62.80	62.00	64.50	61.70	59.90	59.90	63.40
1982	58.00	61.00	64.40	69.00	66.80	61.60	59.40	61.10	59.70	57.20	58.00	57.90	61.10
1983	58.90	62.10	62.70	64.80	63.10	60.70	58.90	57.70	55.20	56.30	56.80	60.60	59.80
1984	63.30	63.90	64.70	64.00	60.90	57.60	59.50	60.70	58.90	59.00	61.00	60.60	61.00
1985	61.20	61.70	58.20	55.50	56.20	54.40	52.70	52.30	50.80	55.00	57.00	60.20	56.00
1986	58.30	56.10	55.30	51.50	50.20	48.30	52.50	54.30	56.00	56.80	56.80	57.80	54.30
1987	56.90	60.50	61.20	64.20	66.40	65.80	63.90	65.50	67.70	67.50	64.90	67.30	64.50
1988	66.70	69.00	70.10	72.50	73.90	70.10	67.50	70.60	71.20	70.60	72.00	70.80	70.40
1989	73.20	74.00	75.30	72.80	74.00	73.20	74.20	75.00	71.50	73.00	74.80	73.80	73.70
						BEEF COWS a/							
1980	47.90	50.40	47.60	44.60	42.60	43.10	43.10	46.10	49.00	48.50	46.00	46.30	46.20
1981	45.00	45.10	45.10	45.10	42.80	42.50	41.80	42.80	43.30	40.50	38.00	37.00	42.40
1982	39.30	39.10	40.80	41.20	41.20	40.00	43.90	40.50	40.30	38.30	36.60	35.40	39.70
1983	37.10	41.50	43.00	41.50	42.10	40.80	39.00	38.90	38.60	37.30	35.40	37.10	39.30
1984	38.30	40.20	42.20	42.50	40.30	40.00	40.00	40.20	38.70	37.20	35.60	36.20	39.40
1985	38.90	41.60	42.50	40.00	38.50	37.20	36.50	35.00	34.70	33.20	32.80	33.80	37.00
1986	34.60	36.40	36.70	31.60	33.00	33.60	34.80	36.60	37.50	36.80	36.10	36.90	35.30
1987	40.00	42.50	44.30	44.20	43.40	43.40	44.00	44.80	46.20	45.00	44.60	45.70	44.00
1988	46.40	48.10	48.20	47.90	48.10	45.50	45.70	47.00	47.60	45.50	44.80	44.50	46.70
1989	44.70	47.60	48.40	46.60	46.20	46.10	45.80	47.80	49.20	47.50	45.90	47.20	46.90
						CALVES							
1980	79.60	81.40	79.10	66.70	74.10	68.80	68.50	71.20	69.50	69.50	68.80	65.20	71.60
1981	66.60	68.70	64.00	64.00	60.70	59.20	57.00	57.10	57.30	54.60	58.00	57.90	60.20
1982	54.70	57.80	57.00	54.80	57.00	55.20	55.20	55.80	54.40	54.60	56.80	56.70	55.70
1983	56.80	58.60	61.70	61.10	60.00	57.60	54.30	53.20	52.00	55.10	54.30	60.20	57.10
1984	58.40	57.90	57.70	59.00	55.40	55.10	56.30	53.80	55.20	55.90	56.30	55.80	56.30
1985	59.20	61.30	58.80	59.90	57.40	54.70	52.50	53.00	52.50	54.70	53.70	51.90	55.80
1986	53.60	53.20	53.80	50.40	49.60	50.10	51.30	52.70	56.20	58.20	55.90	56.40	53.70
1987	61.00	66.00	68.30	68.40	72.40	73.70	72.40	75.10	77.60	74.40	71.10	71.10	71.60
1988	79.80	85.40	86.80	84.70	85.20	78.10	76.30	82.60	84.90	82.20	84.30	83.10	82.70
1989	84.90	86.50	82.80	83.90	82.10	82.50	83.00	81.10	82.90	87.90	81.40	78.10	83.20

a/ Beef cows sold for slaughter and herd replacement and cull dairy cows sold for slaughter.

TABLE 18 – MILK COWS, PRODUCTION AND PRICE, CALIFORNIA, 1980-89

Year	Milk Cows & Heifers Calved		Annual Production Per Milk Cow		Total Annual Production on Farms		Wholesale Milk Price
	January 1	Average During Year	Milk	Milk Fat	Milk	Milk Fat	
	- Thousand Head -		- Pounds -		- Million Pounds -		$/Cwt.
1980	878	896	15,153	547	13,577	490	12.88
1981	909	923	15,437	554	14,248	512	13.43
1982	940	940	15,455	561	14,528	527	13.21
1983	940	948	15,541	558	14,733	529	13.06
1984	957	978	15,636	557	15,292	544	12.85
1985	1,005	1,041	16,102	588	16,762	612	12.18
1986	1,076	1,070	16,095	584	17,222	625	11.77
1987	1,062	1,061	16,897	613	17,928	651	11.43
1988	1,071	1,083	17,181	629	18,607	681	10.94
1989	1,095	1,104	17,530	642	19,353	708	12.37

TABLE 19 - MILK COW OPERATIONS AND INVENTORY, PERCENTAGE BY SIZE GROUPS, 1988-89

State	1 - 49 Head				50 - 99 Head				100 + Head			
	Operations		Inventory		Operations		Inventory		Operations		Inventory	
	1988	1989	1988	1989	1988	1989	1988	1989	1988	1989	1988	1989
	- - - - - - - - - - - - Percent - - - - - - - - - - - -											
CALIFORNIA	49.8	47.7	0.8	0.8	7.7	7.6	2.6	2.4	42.5	44.7	96.6	96.8
Iowa	69.9	66.7	45.5	39.9	26.5	28.2	42.3	42.9	3.6	5.1	12.2	17.2
Michigan	57.1	57.1	22.0	23.0	28.6	28.6	36.5	35.4	14.3	14.3	41.5	41.6
Minnesota	68.8	67.9	48.6	47.0	27.1	27.9	39.0	39.7	4.1	4.2	12.4	13.3
New York	49.7	45.2	22.3	19.7	37.3	40.0	43.0	42.3	13.0	14.8	34.7	38.0
Ohio	71.6	70.7	37.0	35.0	22.1	22.8	39.8	40.1	6.3	6.5	23.2	24.9
Pennsylvania	65.2	63.6	38.8	37.0	28.5	29.1	40.2	40.2	6.3	7.3	21.0	22.8
Wisconsin	62.8	61.4	41.0	39.6	31.4	31.8	42.4	42.0	5.8	6.8	16.6	18.4
UNITED STATES	67.2	65.3	26.4	25.1	23.4	24.4	32.4	32.1	9.4	10.3	41.2	42.8

TABLE 20 – AVERAGE PRICES RECEIVED FOR MILK COWS, CALIFORNIA, 1980-89 a/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
	- - - - - - - - - - - - - - Dollars Per Head - - - - - - - - - - - - - -												
1980	1,410	1,430	1,420	1,390	1,340	1,300	1,280	1,310	1,350	1,360	1,360	1,370	1,360
1981	1,370	1,340	1,300	1,250	1,250	1,250	1,270	1,270	1,290	1,360	1,370	1,380	1,310
1982	1,370	—	—	1,200	—	—	1,220	—	—	1,260	—	—	1,260
1983	1,230	—	—	1,230	—	—	1,240	—	—	1,130	—	—	1,210
1984	1,100	—	—	1,100	—	—	1,050	—	—	1,090	—	—	1,090
1985	1,090	—	—	1,100	—	—	1,060	—	—	980	—	—	1,060
1986	1,000	—	—	965	—	—	1,020	—	—	1,010	—	—	1,000
1987	1,050	—	—	1,090	—	—	1,120	—	—	1,160	—	—	1,110
1988	1,170	—	—	1,210	—	—	1,180	—	—	1,170	—	—	1,180
1989	1,210	—	—	1,200	—	—	1,190	—	—	1,210	—	—	1,200

a/ For dairy herd replacement.

TABLE 21 – MILK COW INVENTORY BY COUNTY, CALIFORNIA, JANUARY 1, 1986-90

County	1986	1987	1988	1989	1990
	Number of Head				
Del Norte	2,600	2,200	2,400	2,500	2,300
Humboldt	17,200	16,800	15,700	16,000	15,500
Mendocino	1,200	1,000	1,100	1,500	1,200
	21,000	20,000	19,200	20,000	19,000
Shasta	1,600	1,650	1,650	1,750	1,600
Siskiyou	3,100	3,700	3,500	3,500	3,000
Trinity	—	50	50	50	100
	4,700	5,400	5,200	5,300	4,700
Lassen	350	350	250	250	250
Modoc	50	50	100	—	—
Plumas	—	50	50	50	50
	400	450	400	300	300
Alameda	—	—	—	—	—
Contra Costa	3,000	2,200	2,200	2,200	1,800
Lake	—	—	—	—	—
Marin	14,000	12,100	13,000	12,900	12,000
Monterey	3,300	3,400	3,500	3,700	5,500
Napa	1,300	1,000	1,000	1,100	1,000
San Benito	1,100	1,000	1,300	1,500	1,300
San Francisco	—	—	—	—	—
San Luis Obispo	1,700	1,500	1,400	1,500	1,300
San Mateo	—	—	—	—	—
Santa Clara	4,700	4,400	4,200	4,200	4,000
Santa Cruz	400	400	400	400	400
Sonoma	40,500	39,000	37,000	38,500	36,700
	70,000	65,000	64,000	66,000	64,000
Butte	1,600	1,400	1,400	1,400	1,400
Colusa	700	700	700	700	700
Glenn	15,000	14,000	13,100	13,000	13,100
Sacramento	25,000	25,000	26,000	27,000	26,000
Solano	1,700	1,500	1,400	1,500	1,400
Sutter	1,200	1,200	1,400	1,500	1,500
Tehama	3,900	3,500	3,500	3,500	3,500
Yolo	1,200	1,200	1,000	900	900
Yuba	1,700	1,500	1,500	1,500	1,500
	52,000	50,000	50,000	51,000	50,000
Fresno	53,000	53,000	53,000	55,000	54,000
Kern	19,000	19,000	18,000	17,000	17,000
Kings	78,000	76,000	76,000	77,000	77,000
Madera	21,000	22,000	23,000	21,000	20,000
Merced	108,000	109,000	109,000	110,000	111,000
San Joaquin	69,000	66,000	64,000	65,000	66,000
Stanislaus	113,000	110,000	111,000	111,000	112,000
Tulare	147,000	154,000	165,000	178,000	189,000
	608,000	609,000	619,000	634,000	646,000
Alpine	—	—	—	—	—
Amador	100	100	100	50	50
Calaveras	50	50	50	50	100
El Dorado	100	100	150	100	—
Inyo	50	50	50	50	50
Mariposa	150	100	100	50	50
Mono	—	—	—	—	—
Nevada	—	—	—	—	—
Placer	400	700	700	1,000	700
Sierra	—	—	—	50	50
Tuolumne	50	50	50	50	—
	900	1,150	1,200	1,400	1,000
Imperial	500	500	500	400	500
Los Angeles	3,400	3,000	3,000	3,600	3,200
Orange	—	—	—	—	—
Riverside	112,000	113,000	117,000	123,000	124,000
San Bernardino	178,000	173,000	172,000	170,000	183,000
San Diego	17,000	15,000	13,000	13,200	13,000
Santa Barbara	5,300	4,000	4,000	4,200	3,900
Ventura	2,800	2,500	2,500	2,600	2,400
	319,000	311,000	312,000	317,000	330,000
STATE TOTAL	1,076,000	1,062,000	1,071,000	1,095,000	1,115,000

TABLE 22 – SHEEP AND LAMBS ON FARMS, CALIFORNIA, JANUARY 1, 1980-90

Year	All Sheep	Sheep On Feed For Market	Stock Sheep				
			Total	Ewes 1 Yr. +	Ewe Lambs	Wethers & Ram Lambs	Wethers & Rams 1 Yr. +
	- - - - - - - - - - - - Thousand Head - - - - - - - - - - -						
1980	1,175	175	1,000	839	115	21	25
1981	1,205	175	1,030	850	129	23	28
1982	1,210	200	1,010	854	106	27	23
1983	1,115	195	920	800	77	16	27
1984	1,115	215	900	796	65	16	23
1985	1,065	195	870	770	63	15	22
1986	1,065	205	860	725	89	23	23
1987	980	185	795	685	69	16	25
1988	970	170	800	685	75	15	25
1989	940	160	780	632	100	24	24
1990	955	180	775	620	97	32	26

TABLE 23 – SHEEP AND LAMBS INVENTORY, SUPPLY AND DISPOSITION, CALIFORNIA, 1980-89

Year	Beginning Inventory January 1	Lamb Crop	Inshipments	Marketings a/		Farm Slaughter Sheep & Lambs	Deaths		Ending Inventory January 1
				Sheep	Lambs		Sheep	Lambs	
	- - - - - - - - - - - - - Thousand Head - - - - - - - - - - - - - -								
1980	1,175	725	258	65	689	19	90	90	1,205
1981	1,205	765	206	92	685	24	80	85	1,210
1982	1,210	750	295	120	820	25	80	95	1,115
1983	1,115	730	161	81	669	23	39	79	1,115
1984	1,115	720	191	89	737	23	37	75	1,065
1985	1,065	690	165	87	629	25	44	70	1,065
1986	1,065	630	198	111	685	24	43	50	980
1987	980	625	298	43	797	13	30	50	970
1988	970	590	213	75	673	10	37	38	940
1989	940	550	268	58	658	11	37	39	955

a/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the State.

TABLE 24 – SHEEP AND LAMBS SHORN, WOOL PRODUCTION AND VALUE, CALIFORNIA, 1980-89

Year	Sheep and Lambs Shorn	Wool Produced		Wool Value Per Pound	Total Wool Value
		Per Animal	Total		
	Thousand Head	Pounds	Thousand Pounds	- - Dollars - -	
1980	1,402	7.5	10,478	0.880	9,221
1981	1,415	7.5	10,645	0.940	10,006
1982	1,390	7.4	10.303	0.710	7,315
1983	1,313	7.5	9,846	0.620	6,105
1984	1,277	7.3	9,382	0.810	7,599
1985	1,133	7.6	8,647	0.630	5,488
1986	1,088	7.6	8,229	0.660	5,431
1987	1,020	7.1	7,241	0.870	6,300
1988	955	7.4	7,103	1.430	10,157
1989	985	7.7	7,622	1.170	8,918

TABLE 25 – SHEEP AND LAMBS SLAUGHTERED UNDER FEDERAL AND STATE INSPECTION, CALIFORNIA, 1980-89

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total a/
	- - - - - - - - - - - - - Thousand Head - - - - - - - - - - - - -												
1980	84	81	89	103	112	90	91	86	89	88	71	87	1,072
1981	96	82	86	79	85	100	109	106	113	117	99	107	1,179
1982	—	—	358	—	—	374	—	—	369	—	—	330	1,431
1983	102	104	140	141	139	131	116	131	128	119	110	104	1,464
1984	110	122	140	128	128	120	106	120	104	121	107	97	1,403
1985	105	101	124	106	130	96	96	98	84	87	73	74	1,173
1986	75	77	95	100	84	66	72	74	74	60	46	55	877
1987	64	75	69	80	70	73	83	72	81	76	66	74	883
1988	66	75	86	69	69	71	66	70	59	54	55	46	785
1989	52	61	70	50	57	49	51	64	55	53	55	53	670

a/ Totals may not equal sum of parts due to rounding.

TABLE 26 – AVERAGE PRICES RECEIVED FOR SHEEP AND LAMBS, CALIFORNIA, 1980-89

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
- - - - - - - - - - - - - Dollars Per Cwt. - - - - - - - - - - - - -													
SHEEP													
1980	14.10	25.10	21.70	16.50	15.30	18.30	12.30	15.70	16.50	16.60	14.00	13.30	16.10
1981	18.30	19.70	21.10	19.70	16.80	14.10	17.00	17.10	13.80	16.00	17.00	14.00	17.00
1982	18.00	18.00	21.10	21.00	18.90	19.90	17.00	19.00	19.10	18.50	18.70	17.30	18.60
1983	20.00	23.60	23.50	22.10	17.70	16.30	15.70	14.20	16.20	16.20	16.90	20.00	17.90
1984	19.80	21.70	18.30	17.70	15.80	16.30	15.70	17.80	15.80	16.20	20.50	18.90	17.40
1985	19.90	21.90	27.70	29.60	21.00	22.10	23.80	25.20	22.80	18.50	19.40	23.30	23.10
1986	30.00	24.70	23.60	22.20	19.20	23.60	24.90	23.30	22.90	22.30	21.10	23.40	23.20
1987	24.30	25.40	25.30	24.40	22.40	21.90	24.10	26.10	24.70	25.80	29.60	32.70	25.10
1988	34.40	27.70	30.60	21.50	19.20	20.40	27.60	21.40	19.70	19.30	19.00	20.90	23.60
1989	30.50	27.20	30.50	22.20	17.80	18.90	19.00	20.10	20.20	17.50	19.90	26.10	21.10
LAMBS													
1980	68.70	64.20	69.80	58.60	59.30	63.30	63.20	66.60	67.30	63.00	65.50	57.00	63.00
1981	56.80	57.00	59.00	57.10	60.40	65.60	55.90	50.00	48.70	48.70	50.00	50.00	56.30
1982	48.30	53.60	63.50	63.30	64.00	63.00	61.40	55.30	54.00	50.00	45.20	53.40	54.50
1983	56.00	61.70	64.00	62.50	59.50	54.20	50.60	49.70	49.30	51.30	56.30	59.20	56.40
1984	60.60	60.00	59.60	61.30	58.90	56.70	58.60	59.10	60.00	60.80	60.90	60.20	59.70
1985	62.40	64.50	65.00	69.00	73.80	70.40	68.10	70.50	71.10	69.10	66.40	66.90	68.30
1986	64.30	65.00	64.30	65.10	72.80	74.00	71.60	70.30	66.80	64.50	75.80	72.50	68.60
1987	73.50	73.80	76.00	80.00	85.60	84.10	78.20	76.50	71.90	63.30	59.90	67.00	74.90
1988	75.70	82.50	74.60	81.00	77.30	51.30	57.30	58.10	61.80	63.80	65.50	67.10	70.30
1989	67.10	67.40	67.40	75.80	74.40	72.70	70.40	67.30	68.20	64.80	67.30	67.80	69.30

TABLE 27 – STOCK SHEEP AND LAMBS INVENTORY BY COUNTY, CALIFORNIA, JANUARY 1, 1986-90

County	1986	1987	1988	1989	1990
	Number of Head				
Del Norte	500	500	400	300	300
Humboldt	20,000	20,500	19,000	19,000	18,800
Mendocino	27,500	25,000	23,000	23,000	22,800
	48,000	46,000	42,400	42,300	41,900
Shasta	2,200	2,000	1,700	2,200	2,200
Siskiyou	6,600	6,800	6,900	6,200	8,000
Trinity	200	200	100	200	200
	9,000	9,000	8,700	8,600	10,400
Lassen	2,600	2,500	1,600	3,100	3,100
Modoc	12,700	14,700	11,000	8,000	8,000
Plumas	200	300	300	400	400
	15,500	17,500	12,900	11,500	11,500
Alameda	1,800	1,000	1,900	1,300	1,300
Contra Costa	200	200	300	300	300
Lake	2,100	1,800	1,700	1,600	1,600
Marin	9,800	11,000	11,000	12,000	11,900
Monterey	2,900	2,300	3,000	3,000	2,800
Napa	1,200	1,200	1,200	1,400	1,400
San Benito	900	600	800	900	900
San Francisco	—	—	—	—	—
San Luis Obispo	25,000	19,000	20,000	15,000	14,900
San Mateo	300	200	300	500	500
Santa Clara	2,300	2,400	1,500	4,200	4,200
Santa Cruz	500	300	300	300	300
Sonoma	26,000	27,000	25,000	26,000	25,800
	73,000	67,000	67,000	66,500	65,900
Butte	6,700	7,600	8,000	7,800	5,500
Colusa	11,800	14,600	14,000	12,000	11,900
Glenn	18,600	21,000	19,000	19,000	18,800
Sacramento	10,600	9,800	8,100	11,000	10,900
Solano	75,500	70,000	70,000	77,000	76,800
Sutter	38,000	40,000	32,000	25,000	24,800
Tehama	58,600	56,000	51,000	38,000	37,800
Yolo	19,200	16,000	18,000	22,000	21,800
Yuba	3,000	2,000	1,300	3,600	3,500
	242,000	237,000	221,400	215,400	211,800
Fresno	71,000	80,000	95,000	94,000	94,000
Kern	172,000	138,000	155,000	130,000	129,400
Kings	16,000	18,000	10,000	19,000	18,800
Madera	30,000	20,000	17,000	15,000	14,900
Merced	34,000	25,000	44,000	44,000	43,800
San Joaquin	24,000	21,000	25,000	29,000	28,700
Stanislaus	5,700	3,800	3,800	3,400	3,400
Tulare	2,300	2,200	3,100	1,800	1,800
	355,000	308,000	352,900	336,200	334,800
Alpine	100	100	—	—	—
Amador	1,800	1,600	1,500	1,200	1,200
Calaveras	1,300	1,200	1,100	1,200	1,200
El Dorado	1,900	1,500	1,500	1,400	1,400
Inyo	1,200	900	1,400	1,100	1,100
Mariposa	1,800	1,000	1,000	1,900	1,900
Mono	7,500	7,000	7,500	8,800	8,700
Nevada	1,500	900	1,000	1,000	1,000
Placer	11,000	11,000	12,000	15,000	14,900
Sierra	200	200	—	—	—
Tuolumne	1,200	1,100	1,200	800	800
	29,500	26,500	28,200	32,400	32,200
Imperial	23,000	27,000	11,000	200	200
Los Angeles	20,000	18,000	18,000	20,000	19,800
Orange	300	200	—	100	100
Riverside	22,500	21,000	12,000	22,000	21,800
San Bernardino	12,100	10,000	20,000	20,000	19,800
San Diego	1,200	1,000	1,000	1,200	1,200
Santa Barbara	7,000	6,400	4,000	3,400	3,400
Ventura	1,900	400	500	200	200
	88,000	84,000	66,500	67,100	66,500
STATE TOTAL	860,000	795,000	800,000	780,000	775,000

TABLE 28 – HOGS AND PIGS ON FARMS, CALIFORNIA, DECEMBER 1, 1980-89

Year	Total Hogs & Pigs	Breeding Hogs & Pigs	Market Hogs				
			Under 60 Pounds	60-119 Pounds	120-179 Pounds	180 Pounds & Over	Total
	- - - - - - - - - - Thousand Head - - - - - - - - - -						
1980	180	32	62	41	24	21	148
1981	160	24	55	38	24	19	136
1982	160	21	43	51	21	24	139
1983	155	23	50	36	24	22	132
1984	140	21	46	31	24	18	119
1985	145	22	48	31	23	21	123
1986	150	27	53	31	21	18	123
1987	140	25	49	28	21	17	115
1988	130	23	45	28	19	15	107
1989	140	23	42	40	19	16	117

TABLE 29 – SOWS FARROWED AND PIGS SAVED, CALIFORNIA, 1980-89

Year	December - May			June - November		
	Sows Farrowed	Pigs Saved	Pigs Per Litter	Sows Farrowed	Pigs Saved	Pigs Per Litter
	- Thousand Head -		Number	- Thousand Head -		Number
1980	23	161	7.0	21	151	7.2
1981	20	142	7.1	18	126	7.0
1982	15	100	6.7	16	115	7.2
1983	17	128	7.5	15	113	7.5
1984	17	121	7.1	15	113	7.5
1985	16	117	7.3	14	108	7.7
1986	18	133	7.4	17	131	7.7
1987	17	131	7.7	17	131	7.7
1988	18	133	7.4	16	119	7.4
1989	15	112	7.5	16	120	7.5

TABLE 30 – HOGS AND PIGS SLAUGHTERED UNDER FEDERAL AND STATE INSPECTION, CALIFORNIA, 1980-89

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total a/
	- - - - - - - - - - - - - - Thousand Head - - - - - - - - - - - - - -												
1980	159	144	148	160	159	154	153	144	152	165	134	160	1,832
1981	156	132	163	164	155	158	163	157	162	175	153	178	1,915
1982	—	—	478	—	—	456	—	—	455	—	—	429	1,818
1983	139	126	155	148	151	162	144	158	153	157	156	175	1,824
1984	158	145	169	166	171	160	163	173	146	183	158	167	1,959
1985	179	152	167	176	172	160	180	180	150	57	66	134	1,772
1986	158	135	154	162	152	148	153	106	127	161	127	152	1,734
1987	150	134	149	148	142	147	146	139	158	163	157	183	1,816
1988	170	173	187	164	164	173	161	199	190	185	184	188	2,137
1989	195	165	200	170	189	184	165	194	179	179	169	171	2,159

a/ *Totals may not equal sum of parts due to rounding.*

TABLE 31 – HOGS AND PIGS INVENTORY, SUPPLY AND DISPOSITION, CALIFORNIA, 1980-89

Year	Beginning Inventory Dec. 1 (Prev. Yr.)	Pig Crop		Inshipments a/	Marketings b/	Slaughter c/	Deaths	Ending Inventory December 1
		Dec.-May	June-Nov.					
	- - - - - - - - - - Thousand Head - - - - - - - - - -							
1980	180	161	151	39	309	20	22	180
1981	180	142	126	30	280	18	20	160
1982	160	100	115	32	219	15	13	160
1983	160	128	113	31	247	15	15	155
1984	155	121	113	30	245	18	16	140
1985	140	117	108	27	217	16	14	145
1986	145	133	131	21	250	14	16	150
1987	150	131	131	20	262	14	16	140
1988	140	133	119	32	258	18	18	130
1989	130	112	120	32	224	15	15	140

a/ For feeding or breeding, excludes stock brought in for immediate slaughter.
b/ Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales.
c/ Excludes custom slaughter for farmers at commercial establishments.

CALIFORNIA HOGS and PIGS
INVENTORY, PIG CROP & MARKETINGS, 80-89

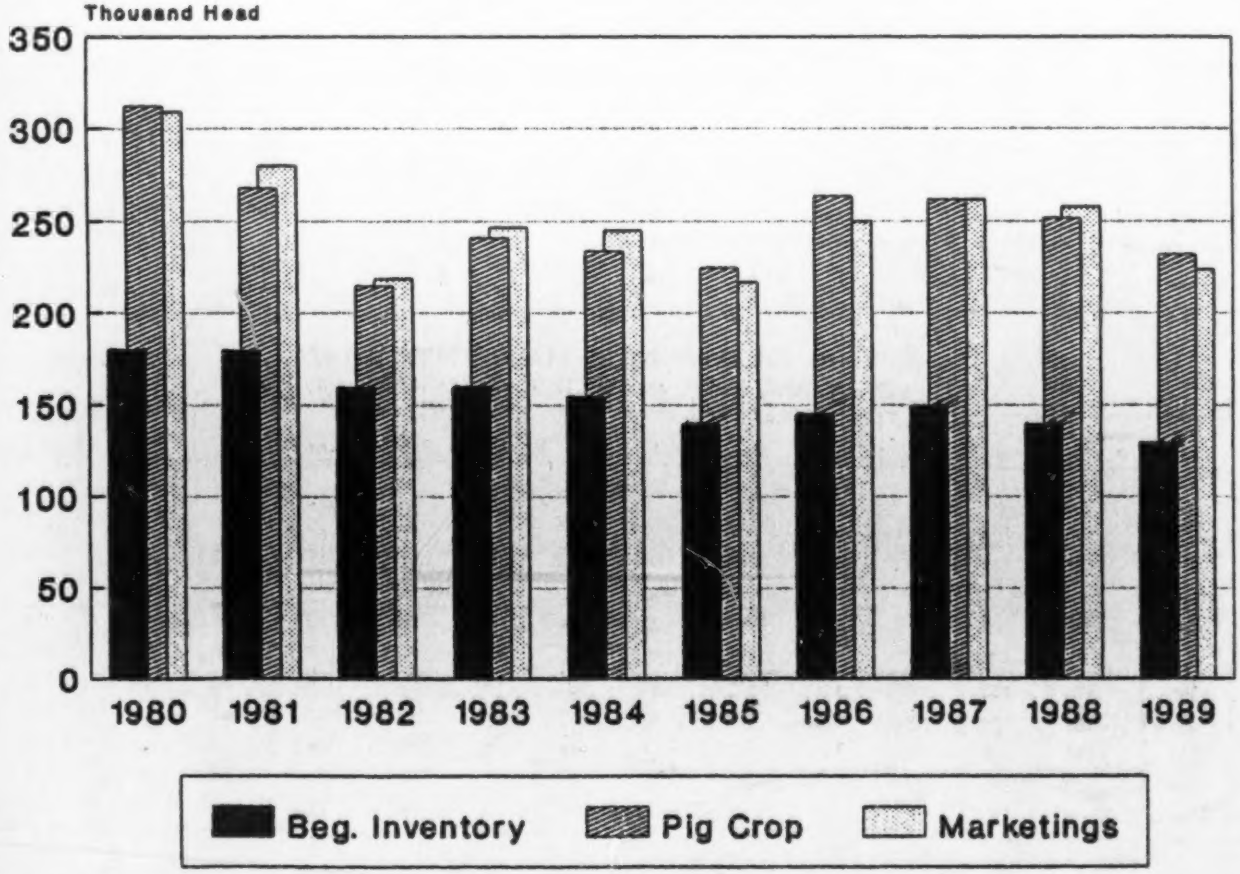


TABLE 32 – ALL HOGS INVENTORY BY COUNTY, CALIFORNIA, DECEMBER 1, 1985-89

County	1985	1986	1987	1988	1989
			Number of Head		
Del Norte	300	300	300	200	200
Humboldt	300	300	300	400	300
Mendocino	600	600	600	500	550
	1,200	1,200	1,200	1,100	1,050
Shasta	700	700	600	700	700
Siskiyou	900	900	1,200	1,200	1,000
Trinity	100	100	100	100	100
	1,700	1,700	1,900	2,000	1,800
Lassen	200	200	100	100	100
Modoc	1,300	1,400	1,600	1,800	350
Plumas	100	100	100	100	100
	1,600	1,700	1,800	2,000	550
Alameda	1,100	1,000	1,000	300	300
Contra Costa	1,400	1,300	1,100	800	700
Lake	200	300	250	200	200
Marin	200	300	200	200	200
Monterey	1,600	1,500	1,100	900	1,600
Napa	400	300	300	300	600
San Benito	100	500	600	900	600
San Francisco	—	—	—	—	—
San Luis Obispo	4,000	3,500	3,400	2,900	3,400
San Mateo	100	100	100	100	100
Santa Clara	200	200	150	100	100
Santa Cruz	1,100	1,000	800	600	200
Sonoma	4,300	5,000	5,000	4,700	5,200
	14,700	15,000	14,000	12,000	13,200
Butte	7,400	7,100	7,500	7,500	7,500
Colusa	700	600	500	400	100
Glenn	2,500	2,500	2,000	1,700	1,200
Sacramento	900	800	800	900	700
Solano	200	100	100	100	100
Sutter	1,100	1,000	700	300	200
Tehama	200	200	200	200	100
Yolo	1,600	1,500	1,800	1,700	1,600
Yuba	500	600	400	200	300
	15,100	14,400	14,000	13,000	11,800
Fresno	5,400	5,200	5,900	6,700	7,000
Kern	4,300	4,800	4,000	3,700	2,900
Kings	2,500	2,600	500	800	5,800
Madera	2,000	2,200	2,000	1,800	1,700
Merced	30,000	32,000	29,100	27,500	30,000
San Joaquin	6,000	5,800	5,000	4,000	3,000
Stanislaus	9,000	9,000	8,500	7,000	7,600
Tulare	40,000	44,000	39,000	36,500	40,000
	99,200	105,600	94,000	88,000	98,000
Alpine	—	—	—	—	—
Amador	100	100	100	50	100
Calaveras	1,000	800	650	550	200
El Dorado	600	600	600	600	500
Inyo	—	—	50	50	100
Mariposa	200	100	100	100	100
Mono	—	—	—	—	—
Nevada	300	100	150	150	100
Placer	300	300	300	250	200
Sierra	—	—	—	—	—
Tuolumne	100	100	150	150	100
	2,600	2,100	2,100	1,900	1,400
Imperial	1,000	400	1,500	700	200
Los Angeles	2,400	2,600	2,400	2,900	2,600
Orange	100	100	100	200	200
Riverside	500	400	300	100	100
San Bernardino	1,000	1,500	4,300	3,400	3,800
San Diego	1,700	1,400	1,100	500	3,500
Santa Barbara	800	700	500	500	400
Ventura	1,400	1,200	800	1,700	1,400
	8,900	8,300	11,000	10,000	12,200
STATE TOTAL	145,000	150,000	140,000	130,000	140,000